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Lancaster Farming

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LANCASTER FARMING Conference Call . . .

Referendum Pros, Cons

Sometime next week, all Pennsylvania dairymen will be asked in a referendum ballot whether or not they favor an advertising and promotion program for milk. This program would be funded through a five-cent checkoff from every hundred pounds of milk produced by every dairyman in the state.

Ballots will be due in Harrisburg by January 26. If, as they did three years ago, a majority of the dairymen voting reject the checkoff program, the idea will be dropped. If the balloting favors a checkoff, it is expected to become effective around the first of April.

Producers making advertising contributions under any federal order program will be exempt from paying into the proposed state program. They will, however, be eligible to vote in the referendum. A deduction of 5 cents per hundredweight would be collected by the Pennsylvania Department of Agriculture to finance a promotion program if approved. The detailed use of money collected would be in the hands of an advisory committee of dairymen selected by cooperatives and independent dairy farmers. The money would be collected by the Pennsylvania Department of Agriculture and turned over to the advisory committee.

This referendum differs from the usual vote by dairy farmers in that cooperatives may vote its entire membership as a bloc. However, each dairyman will receive a ballot. If the co-op member wishes to cast his ballot individually, it will be deducted from the total votes cast by his cooperative. The individual vote will take precedent over the organizational ballot.

Mandatory checkoff programs, quite naturally, stir up a lot of controversy. In order to find out what both sides were saying, LANCASTER FARMING arranged a conference call to include spokesmen both for and against a checkoff, and a knowledgeable neutral observer. The conference call was arranged with the considerable help of assistant Lancaster County agent N. Alan Bair.

Arden Tewksbury, Meshoppen, Pa., a member of the Eastern Milk Producers Coop and head of the Dairymen's Freedom Committee, represented the opposition. Representing the pro side of the argument

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Lancaster Farming Photo

Miles Fry is shown admiring one of the thousands of hybrid poplar trees growing on his Ephrata R3 farm. For his work in agriculture and with young people, Fry will receive an Honorary Keystone Farmer degree on January 10 during ceremonies at the Pennsylvania Farm Show.

Miles Fry Believes In Hybrid Poplars

Miles Fry is an innovator, a forward thinker, at an age when many men seek refuge in the past. At 75, Miles Fry has retained the curiosity and the sense of wonder that made him one of Lancaster County's most noted agricultural pioneers. He has retained, too, an active interest in young people and he works with them and for them.

For these reasons and others, Fry will be one of the persons accepting Honorary Keystone Farmer degrees in ceremonies January 10 at the Pennsylvania Farm Show.

Fry is the world's largest grower of hybrid poplars, and one of the first farmers to seriously cultivate crown vetch. The father-son partnership of Miles and Morton Fry are presently farming over 300 acres of Ephrata R3 land. Hybrid poplars are growing unbelievably fast on about 50 Fry acres, crown vetch accounts for another 70, hay is grown on 150 acres and 100 acres are planted to corn. The Frys are also feeding 100 head of steers.

Much of the land on which they farm has been in the Fry family for eight generations and the area around the farm is known as Frysville. Many of the farm buildings predate the American

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Farm Show Issue!

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LCFA Told . . .

"Farmers Need Tax Solutions"

"For Pennsylvania farming to survive, we will have to solve the problem of farmland tax assessment," E. Chester Heim told a group of some 100 Lancaster County Farmers Association members on Tuesday night at the Witmer Fire Hall.

Heim is legislative director of the Pennsylvania Farmers Association, of which the LCFA is a part. He was speaking at the county organization's membership drive kickoff banquet. "We'll have to sell the idea of reevaluating land assessments to people who aren't landowners," Heim continued. "We'll have to point out that if tax problems force farmers to sell out, the people in the towns and the cities will suffer just as much as the farmers. Those who will suffer the most are the people who depend on the farmer for their jobs.

"We must be progressive and aggressive in getting tax laws changed."

Heim went on to talk about the history and the future of the PFA. "There was a time," he said, when the farmer didn't know what he was against until it was too late to be against it. That's

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Farm Calendar

Monday, January 8

Fulton Grange 66 meeting, Oakryn; Round-table Discussion, "Farming Today" moderated by W. Harold Graybeal.

57th annual Pennsylvania State Farm Show, Harrisburg, January 8 - 12.

Wednesday, January 10

7 p.m. - Garden Spot Young Farmer Welding course, vo-ag department, Garden Spot High School.

Pennsylvania Poultry Federation annual banquet, Penn Harris Motor Inn, Camp Hill.

National Turkey Federation meeting, Sheraton-Dallas Hotel, Dallas, Texas.

Thursday, January 11

USDA Ornamentals Open House for Growers, Beltsville, Md., January 11 - 12.

Friday, January 12

7 p.m. - Pennsylvania Egg Marketing meeting, Holiday Inn, Ephrata

James Kreider - Master Farmer

A Lancaster County dairyman, who at age 15 was named the county's champion tomato picker and last year had a herd production of over 1,600,000 pounds of milk, has been named a Master Farmer for 1972.

James G. Kreider, 42, of Route 1, Quarryville, is one of six Commonwealth farmers selected to receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University.

Formal award presentations will be made January 9 at a Master Farmer luncheon in Harrisburg. Kreider will be inducted into the Pennsylvania Master Farmer's Association whose membership consists of all former award winners. The program was established in 1927.

"We grow 222 acres of corn but the money makers are the cows," Kreider said, "Production this past year averaged 12,949 pounds of milk and 455 pounds of fat Milk production costs amounted to $4.48 per hundred-weight

(Continued On Page 17)

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, January 3

	Cattle	Calves	Hogs	Sheep
Today	913	109	359	83
Last week	939	98	782	48
Last year	515	120	184	35
This weeks Auction	911	125	331	33
Last weeks Auction	877	108	729	45

CATTLE — Slaughter Steers 50-1.00 higher; Cows 50-1.00 lower; Bulls 50-75 higher.

SLAUGHTER STEERS — High-Choice and Prime 1100-1350 lbs. 39.25-40.10; Choice 950-1250 lbs. 38.00-40.00, one lot 40.50; Choice 1250-1475 lbs. 36.25-39.50; high-Good and low-Choice 1100-1400 lbs. 36.75-38.35, few Good 34.75-37.00; Standard and low-Good 33.75-35.00.

SLAUGHTER HEIFERS — Choice 750-950 lbs. 36.50-38.10, few Prime 38.50-38.85; Good 33.00-35.00.

COWS — Utility and high-dressing Cutter 27.00-29.00; Cutter 25.25-27.25; Canner and low-Cutter 24.00-26.00.

BULLS — Choice 38.25-39.60; Good 34.85-38.25; Utility and Commercial 34.85-39.00, few 39.00-39.85.

VEAL CALVES — Vealers 1.00-2.00 higher.

VEALERS — Prime 69.50-72.00; couple 72.50-74.50; Choice 64.00-70.00; Good 56.00-63.00; Standard 48.00-57.50.

SHEEP — Wooled Lambs fully steady.

WOOLED LAMBS — Choice 80-110 lbs. 32.00-33.50.

New Holland Dairy Cattle

Wednesday, January 3

Reported receipts of 55 cows, 5 heifers, 3 bulls; market lower than last weeks market.

Load Pennsylvania cows, fresh, 495 - 680.

Load Pennsylvania springers, 360 - 500.

Load Franklin County cows, fresh, 415 - 630; springers, 440 - 565.

Load Vermont cows, fresh, 420 - 665.

Load Wisconsin cows, fresh, 585 - 600.

Local Cows, 325 - 570.

Springing heifers, 285 - 365.

Bulls, 360 - 485.

Peoria Cattle

Thursday, January 4

No market report available.

Lancaster Market

Tuesday, January 2, 1973

	Cattle	Calves	Hogs	Sheep
Today	166	78	580	213
Last week	68	85	1381	269
Last year	171	5	0	0

CATTLE — Insufficient volume Slaughter classes for market test; no report sales Feeder Steers.

VEAL CALVES — Vealers 1.00-2.00 lower.

VEALERS — Prime 67.00-69.00; Choice 60.00-67.00; Good 55.00-60.00.

SHEEP — Wooled Lambs steady to 50 lower; Ewes scarce.

WOOLED LAMBS — Choice 70-100 lbs. 31.50-33.50; Good 29.00-31.50.

Lebanon Valley Auction

Tuesday, January 2
306 Head of Cattle

Compared with last weeks market, slaughter steers grading Standard and Good steady to 50c higher. Slaughter cows steady to 75c lower. Slaughter bulls 25c to 75c higher.

STEERS: High Choice (few) 40.00 - 40.50; Choice 950 - 1250 pounds 37.60 - 39.25; Good 36.00 - 39.10; Standard 34.10 - 35.50; Utility 33.00 - 34.00.

HEIFERS: Utility (few) 30.85 - 33.00.

COWS: Utility and High Dressing Cutters 27.60 - 29.10, couple to 29.85; Cutters 26.50 - 28.00; Canners 23.60 - 26.35; Shells down to 22.50.

BULLS: Choice (few) 37.85 - 39.00; Good 36.35 - 38.60; Utility and Commercial 34.50 - 38.50; Cutters (few) 32.75 - 33.75.

307 Head of Veal Calves

Prime 63.00 - 65.00; Choice 59.00 - 63.00; Good 55.00 - 58.00; Standard 50.00 - 54.00; Utility 90 - 120 pounds 40.00 - 47.00; 70 - 85 pounds 35.00 - 38.50.

FARM CALVES: bulls $2 higher.

Bulls 85 - 120 pounds 47.00 - 68.00; Heifers 85 - 150 pounds 55.00 - 77.00.

New Holland Horse Auction

Monday, January 1

Reported receipts of 270 horses; market stronger.

Load Kansas riding horses, 105 - 185; pair work horses, 710.

Local work horses, 225 - 390, pair 425 - 455; driving horses, 130 - 295; riding horses, 135 - 200; better horses, 205 - 260; killers, 10 - 12.

Mare ponies, 15 - 30; colts, 5 - 8; geldings, 10 - 25; larger ponies, 40 - 60.

Composite Report

Weekly, January 5
Lancaster, Vintage and New Holland Markets

	Cattle	Calves
This week	3000	1400
Last week	2688	1200
Last year	2745	1447

CATTLE — Slaughter Steers 50 higher, instances 1.00 higher on weights over 1250 lbs.; Cows 1.00-2.00 lower; Bulls strong to 50 higher. Supply included an estimated 35 percent Slaughter Steers, 30 percent Cows, 15 percent Bulls, with the balance mainly Feeder Steers.

SLAUGHTER STEERS — High-Choice and Prime 975-1350 lbs. 39.25-40.35; Choice 950-1250 lbs. 38.00-40.00, few 40.00-40.50, around 15 head high-Good to low-Prime 950-1225 lbs. yield grade 2 and 3 40.50-41.35; Choice 1250-1425 lbs. 36.25-39.50; high-Good and low-Choice 36.75-38.75, around two loads 1325-1425 lbs. 35.50-36.50; Good 35.00-38.00; Standard and low-Good 333.50-35.75.

SLAUGHTER HEIFERS — Choice 750-950 lbs. 36.50-38.10, few Prime 38.50-38.85; Good 33.00-35.00.

COWS — Utility and high-dressing Cutter 26.50-28.75, few 28.75-29.75; Cutter 24.50-27.50; Canner and low-Cutter 22.75-25.50.

BULLS — Choice 37.75-39.50, few 39.50-40.10; Good 34.75-38.00; Utility and Commercial 34.75-39.00, few 39.00-40.25.

VEAL CALVES — Vealers mostly steady; Good demand for Calves returned to farm.

VEALERS — Prime 68.00-72.00, couple 72.50-74.50; Choice 63.00-69.00; Good 53.00-63.00; Standard 47.00-55.00; Utility 90-120 lbs. 39.00-46.00, 65-85 lbs. 36.00-40.00, one lot 59 lbs. 26.25.

Local Grain

Thursday, January 4

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, January 4, 1973, are as follows:

	Bid+	Offered+
Ear Corn	41.00	47.00
Shelled Corn	1.72	1.92
Oats, Local	.90	1.12
Oats, Western	1.27	1.36
Barley	1.31	1.54
Wheat	2.04	2.33

+Bid is the price the dealer will buy from the farmer delviered to the mill. Offered is the price the dealer will sell for at his mill.

Vintage Auction

Tuesday, January 2

	Cattle	Calves	Hogs	Sheep
Today	908	682	416	22
Last week	858	631	1228	20
Last year	864	658	431	6

CATTLE — Compared to last Tuesday, Slaughter Steers steady, instances 50 lower on weights over 1250 lbs.; Cows mostly 2.00 lower; Bulls mostly steady.

SLAUGHTER STEERS — High-Choice and Prime 1100-1300 lbs. 39.25-40.00; Choice 950-1250 lbs. 38.25-39.85, around ten head Choice and Prime 40.00-40.85; Choice 1250-1420 lbs. 37.25-39.50; high-Good and low-Choice 37.00-38.60; Good 35.00-37.25; Standard and low-Good 33.75-35.50.

COWS — Utility and high-dressing Cutter 26.75-28.50, few 28.75-29.75; Cutter 24.50-27.35; Canner and low-Cutter 22.75-24.75.

BULLS — Choice 38.50-40.10, few 40.50-41.10; Good 36.00-38.60; Utility and Commercial 34.60-38.60, few 39.00-40.00.

VEAL CALVES — Vealers 1.00-2.00 lower; good demand for Calves returned to farm. Supply included 366 graded Calves.

VEALERS — Prime 66.00-69.50, few 70.00-71.00; Choice 59.50-66.00; Good 53.00-60.00; Standard 45.00-53.00; Utility 90-120 lbs. 40.00-46.00, 65-85 lbs. 36.00-40.00, one lot 59 lbs. 26.25.

RETURNED TO FARM — Bulk 90-125 lbs. Holstein Heifers 74.00-80.00; bulk 90-120 lbs. Bull Calves 59.00-64.50.

Oklahoma City

Thursday, January 4

Estimated Receipts	7,200
Same Day Last Week	3,359
Same Day Last Year	6,204

Active, compared to late last week, feeder cattle and calves 50c to 1.00 higher; majority receipts Good and Choice 400-750 pound steers and 350-650 pound heifers; large attendance buyers.

Sales as of 12:30 P.M.

FEEDER STEERS: Choice, few Prime 300-400 pound 56.50-59.00; 400-500 50.00-57.00, short load 437 pound bull calves 57.80; 500-600 47.50-51.75; 600-700 45.25-49.75, part load 654 pound at 50.20; 700-800 44.75-48.80, largely 46.00-48.00; 800-918 40.20-45.70, mostly 41.80-45.00; part load 797 pound at 48.20; mixed Good and Choice 300-500 48.50-54.75; 500-660 43.00-47.50; few Good 400-565 42.75-47.50.

HOLSTEIN STEERS: Good 277-400 pound 44.00-48.25; 559-700 40.90-42.00; 700-900 39.40-41.60.

FEEDER HEIFERS: Choice, few Prime 300-400 pound 44.00-47.00, small lot 369 pound at 49.00; 400-500 43.00-45.25; 500-600 41.00-44.25, small lot 521 pound at 45.00; 600-700 40.50-42.90; two small lots 704-722 40.90-41.60; and small lot 891 pound at 39.40; mixed Good and Choice 300-500 39.75-43.00; 500-900 36.75-40.00.

New Holland Auction

Thursday, January 4

	Cattle	Calves	Sheep
Today	885	525	18
Last year	831	401	0
Last year	691	419	3

CATTLE — Trends on Slaughter Cattle not comparable due to market not being reported last week; very good demand for Slaughter Steers, good demand for bulls, with early fair demand for Cows. Supply included 44 percent Cows.

SLAUGHTER STEERS — High Choice and Prime 975-1325 lbs. 39.25-40.35; Choice 950-1350 lbs. 33.25-40.00, few 40.00-40.50, ten head high-Good to low-Prime 950-1225 lbs. yield grade 2 and 3 40.50-41.35; mixed-Good and Choice 950-1300 lbs. 36.75-38.75 around two loads 1325-1425 lbs. 35.50-37.50; Good 36.00-38.00; Standard and low-Good 33.50-35.75.

COWS — Utility and high-dressing Cutter 26.50-28.75, few 28.85-29.25; Cutter 25.50-27.50; Canner and low-Cutter 23.50-25.50.

BULLS — Choice 37.75-39.35, few 39.60-40.00; Good 35.50-38.00; Utility and Commercial 34.85-38.50, few 38.50-39.25, couple 40.00-40.35.

VEAL CALVES — Good demand for Vealers with most of the Calves under 120 lbs. being sold to return to farm.

VEALERS — Prime 68.00-72.00; Choice 63.00-69.00; Good 54.00-63.00; Standard 47.00-54.00; few low-Utility 75-115 lbs. 34.00-40.00.

SLAUGHTER CALVES — Choice 350-450 lbs. 44.00-48.00; Good 300-450 lbs. 39.00-45.00.

Monday, January 1

Calf Receipts - 69

Choice and Prime 62-70; Standard 51-56.50; Good and Low Choice 57-61.50; Common 35-50.50.

Monday, January 1

50 loads of hay and 25 loads of straw sold as follows: (prices per ton)

Alfalfa, few loads 59.00-81.00; Timothy 30.50-51.00, few loads 62.00-84.00; Mixed hay 35.00-70.00, one load at 78.00; Clover, one load at 61.00; Grass Hay 29.50; Straw 34.00-43.00; Corn, 5 loads 42.50-48.50.

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Hog Prices

Vintage Auction

Saturday, December 30

HOGS 755:

Barrows & Gilts: Mostly $1 to $2 lower. US No. 1-2 195-230 lbs. 31.60-32.00; US No. 1-3 200-250 lbs. 30.85-31.50; US No. 2-4 250-270 lbs. 29.50-30.60; US No. 2-4 185-190 lbs. 30.00-31.35

Sows:

US No. 1-3 305-530 lbs. 22.00-23.75

Boars: 21.00-23.75

Tuesday, January 2

Barrows and Gilts 2.00-2.25 lower.

BARROWS AND GILTS: US 1 200-240 lbs. 31.75-32.10; US 1-2 200-250 lbs. 31.25-31.75; US 2-3 195-255 lbs. 30.60-31.25; US 3-4 250-270 lbs. 29.35-29.85.

New Holland Auction

Monday, January 1

HOGS 1169:

US No. 1-2 200-240 lbs. 31.50-32.00; US No. 1-3 200-250 lbs. 31.00-31.50; US No. 2-4 240-270 lbs. 29.50-31.00; US No. 2-4 160-190 lbs. 28.00-31.00.

Sows:

US No. 1-3 300-570 lbs. 23.00-26.00

Boars: 22.50-24.00

Lancaster Auction

Wednesday, January 3

Barrows and Gilts 25 higher.

BARROWS AND GILTS: US 1 210-230 lbs. 32.50-32.75; US 1-3 190-255 lbs. 31.25-31.75; mainly 31.50-31.60; US 3-4 260-270 lbs. 30.75-31.00

Lancaster Market

Tuesday, January 2

Barrows and Gilts 1.50 lower.

BARROWS AND GILTS: US 1 200-230 lbs. 32.00-32.50; US 1-2 200-240 lbs. 31.50-31.75; US 2-3 195-255 lbs. 31.00-31.50.

St. Louis Auction

HOGS: 3500, 2.00-2.50 higher US 1-2 195-230 lbs. 33.50-34.00; 125 head 217 lbs. 34.50; 1-3 200-240 lbs. 33.00-33.50.

Indianapolis Auction

HOGS: 1000. 2.00-2.50 higher, active US 1-2 200-235 lbs. 33.75-34.00; 1-3 200-250 lbs. 33.00-33.75

Peoria Auction

HOGS: 3000, active, unevenly 2.00-3.00 higher

US 1-2 200-240 lbs., including some up to 245 lbs. 34.50-35.00; 1-3 200-250 lbs. 34.00-34.50; 2-3 240-270 lbs. 33.00-34.00.

Lebanon Valley Auction

Tuesday, January 2

295 Head of Hogs

Barrows and Gilts $3 lower.

BARROWS AND GILTS: U.S. 2-3 195 - 240 pounds 30.60 - 31.00; 2-4 230 - 260 30.00 - 30.25; one lot 3-4 360 pounds 24.00.

SOWS: U.S. 1-3 300 - 500 pounds 23.25 - 24.85.

BOARS: (Few) 20.00 - 21.00.

Omaha Cattle

Thursday, January 4

Compared with last week's close closing prices slaughter steers 1.25-1.75 higher than previous midweek, instances 2.00 higher on 75-1.00 higher than late trading on limited volume. Heifers 1.25-1.75 higher than previous midweek. Cows strong to 50 higher, bulls fully steady. Modest feeder supply fully 1.00 higher.

Three day receipts 12,900 as compared 20,900 previous Holiday period and 16,400 a year ago. Slaughter steers approximately 44 percent, heifers 36 percent, cows 9 percent and feeders 11 percent. Fed cattle prices continued upward spiral which began late previous week and closing quotations at highest level since July 1972 peak. Marketings substantially reduced from previous week and a mini-blizzard at midweek encouraged buyers to acquire cattle while available. However, in recognition of poor ratio between live costs and carcass realizations, some packers chose to reduce slaughter quotas to minimum level. Mud, a continuing problem, and situation further aggravated by heavy wet midweek snow.

STEERS: Seven loads High-Choice and Prime 1051-1221 pounds 3-4 40.25, twenty-five loads same grade 1000-1260 2-4 39.60-40.00. Choice 975-1300 2-4 closed 38.50-39.50. Mixed Good and Choice 950-1250 37.50-38.50. Good 34.50-37.50, Grade 2-3 Holsteins 34.50-35.00. Standard and low-Good 33.00-34.50.

Average cost slaughter steers for two days 38.90 average weight 1139 pounds as compared 37.61 and 1152 pounds previous week and 34.21 and 1132 pounds a year ago.

HEIFERS: Two loads high-Choice and Prime 976 pounds clean predominantly grade 3 39.50 highest of record locally. Moderate volume same grade 932-1236 3-4 38.40-38.75. Choice 825-1100 2-4 37.25-38.50.

COWS: Utility and Commercial 25.00-27.25, a few Utility 27.50-28.00. Canner and Cutter 22.00-25.00, mixed Cutter and Utility 25.25-26.00. Shelly Canner 21.00-22.50.

BULLS: Utility, Commercial and Good 30.00-33.00. Commercial 1-2 33.50-34.00. Cutter and low-utility 27.00-30.00.

FEEDERS: Prices fully 1.00 higher in reflection of upsurge in slaughter prices. Outshipments of 1200 same as previous week, supply mainly fleshy two-way steers with moderate volume heifers.

STEERS: Load choice 818 pounds 40.50, Choice 1014-1125 pounds fleshy 38.00-38.50, two consignments 980-998 39.00-39.25. High-Good and Choice these weights 37.50-38.50.

HEIFERS: Load Choice 418 pounds 44.00, two loads Choice 503-589 42.00-43.00. High-Good and Choice 760-893 36.00-37.00.

Futures Trading

(Closing bids as of Thursday, January 4)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January '73				49.80
February	41.80	33.25		46.55
March			5.81	45.10
April	41.50	29.30	5.98	44.35
May			6.67	39.60
June	41.45	29.75		39.50
July		29.70		
August	40.25	28.00		
September				45.00
October	39.35	26.32		
November			3.45	
December	39.22	26.37		

Trend — Cattle are higher, Hogs are lower, Potatoes are lower and Eggs are lower.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

New York Dressed Meats

Thursday, January 4

Compared with Wednesday, steer and heifer beef continues weak, veal and calf steady, lamb fully $2 higher, pork loins, butts and spareribs steady, picnics $1 higher, and hams steady to $1 higher.

General outlet for fresh meats only fair at best aside from lamb which is widely featured at retail for current week. Beef chucks disappointingly slow while demand less urgent for beef rounds and ribs. Carried over beef plaguing wholesalers and undoubtedly having price impact.

Steer Beef

Prime 600 - 900 pounds 63.00 - 64.50; Choice 600 - 700 62.50 - 63.50; 700 - 800 60.50 - 61.50; 800 - 900 59.50 - 60.50; Good 500 - 800 58.50 - 60.00.

Heifer Beef

Choice 500 - 700 pounds 60.50 - 62.50.

Calf (Skin Off)

150 - 350 Pounds

Choice 78.00 - 86.00, good 75.00 - 82.00; Standard 70.00 - 74.00.

Veal (Skin Off)

Choice 90 - 150 pounds 96.00 - 106.00; Good 60 - 90 90.00 - 96.00; Standard 60 - 120 74.00 - 79.00.

Lamb

Choice 30 - 55 pounds 68.00 - 70.00; 55 - 65 pounds 66.00 - 69.00.

Choice Beef Cuts

Hinds (Steer) 145 - 190 pounds 73.00 - 76.00; Arm Chucks 90 - 105 48.00 - 50.00; Ribs (7-ribs) 34 - 40 78.00 - 81.00; Loins (Trmd) 50 - 70 93.00 - 95.00; Rounds (Steer) 70 - 95 78.00 - 79.00; Full Plates 33.00 - 34.00; Hinds (Heifer) 120 - 170 73.00 - 75.00.

Fresh Pork Cuts

Loins (Regular) 8 - 14 pounds 71.00 - 74.00; 14 - 17 69.00 - 71.00; Picnics (Regular) 4 - 8 42.00 - 44.00; Boston Butts 4 - 8 61.00 - 63.00; Spareribs 3 pounds down 64.50 - 66.50; Hams (Skinned) 14 - 17 58.00 - 60.00; 17 - 20 55.00 - 56.50.

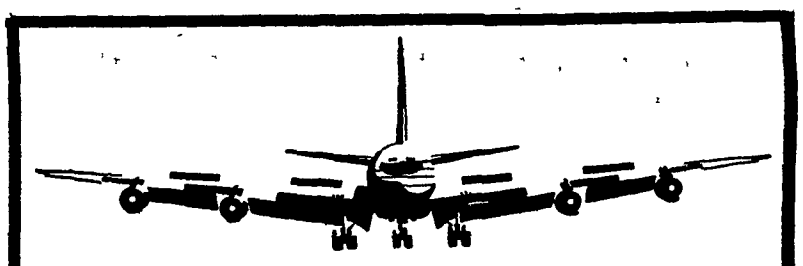
Kosher Market

Kosher Steer Beef: Prices weak on mid session with lamb foresaddles strong.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to date	352,000	768,000	106,000
Same period last week	368,000	894,000	106,000
Same period last year	431,000	1,143,000	158,000



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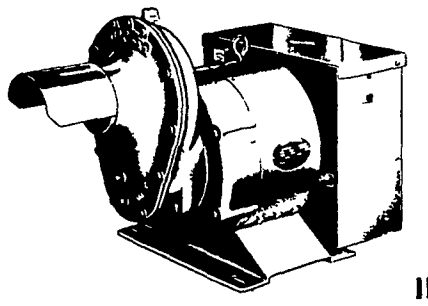

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Poultry Market Reports

Fogelsville

Tuesday, January 2

Light type hens 6-11; Heavy type hens 8-19; Pullets-colored 29-31; Roasters 29-30½; Ducks 30-36; Drakes 45; Geese 42; Rabbits 60-70; Guineas 60½-66; Pigeons (per pr.) 1.00-4.00½

Total coops sold 293.

Auction every Tuesday. Poultry received Monday 7 P.M. to 10:30 P.M., Tuesday 7 A.M. to 12 Noon Sale at 11:30 A.M.

Directions - Take Rt. 22 thruway Exit at Fogelsville Exit North on stoplight in Fogelsville. Turn left, proceed 1 block, take next turn Poultry Auction 100 ft on right.

Eastern Pa. and N.J.

Wednesday, January 3

LIVE POULTRY

Prices of light type hens unchanged. Demand fairly good. Offerings adequate for current needs with trade advices indicating rather heavy bookings for most of January. Heavy hens adequate for a fair call.

Prices paid at farm. Light type hens 6-9, mostly 8½-9 in Pa., Mostly 7½-8½ in N J Heavy type hens TFEWR

Delmarva

Wednesday, January 3

BROILER-FRYER MARKET

Ready to cook movement fair though occasionally less aggressive than expected. Slaughter schedules reduced in line with expected needs. Less than trucklot prices held unchanged on both plant and US Grade A Live supplies fully adequate though weights mostly desirable. Undertone steady.

Pool trucklot prices for Thursday arrival: US Grade A 33½-36½, mostly 33½, Plant Grade 32½-34½, mostly 32½.

Weekly New York Egg Market

From Tuesday, January 2nd to Friday, January 5th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	HOLIDAY	57	57	57	57
Large		57	57	57	57
Mediums		56	56	56	55
Pullets		48	48	48	45
Peewees		35	35	35	32
BROWN					
Fcy. Large		60	60	60	60
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards		53	53	53	53
Checks		31	31	31	31

Long Tone — Steady on Large and irregular on smaller sizes.

Egg Market

Tuesday, January 2

NORTH ATLANTIC: Cartoned movement is fair, mostly for early week standing orders. Mediums and smalls are adequate for lighter interest. Large are in reasonable balance. Extra large ample to fully ample, jumbos ample. Wholesale activity is limited and dealers are cautious pending news of retail clearances over the long weekend. Undertone is about steady.

BALTIMORE - Cartoned Eggs, Prices to Retailers, State Graded - Minimum One Case Sale

Large - 64-70 M 64-67

Medium - 63-68 M 63-66

LEAF Meet

The Lancaster Environmental Action Federation (LEAF) will hold an organizational meeting on Wednesday, January 10 in Kauffman Lecture Hall, Peifer Science Building, on the Franklin and Marshall Campus. The meeting will start at 8:00 p.m.

Bill Arrowsmith, a Peach Bottom farmer who's involved with environmental groups in the southern end of the county, urges farmers to attend LEAF meetings, and to become involved, if possible. "These people are talking about things that are going to affect farming more and more in the future. Farmers have got to know what's happening, and they've got to make sure the right things happen."

At the meeting, five LEAF task forces will be initiated. They will concentrate on land use, education, nuclear power generation, solid waste disposal and water quality.

More information about the meeting can be had by calling John Biehle, 392-2109, or Dr. John Moss, 393-3621, extension 236.

THE OLD FARMER'S ALMANAC

JAN. 8-14

Red cheeks, white beaks

Cattle need salt now . . . Buffalo Bill died Jan. 10, 1917 . . . First quarter of the Moon Jan. 12 First shot fired in Civil War Jan. 9, 1861 . Average length of days for week, 9 hours, 17 minutes . . Sperm whales migrating off Nantucket and California . . If sunny now, expect much wind . . Detar chimneys . Best throw of dice is to throw them away

Old Farmer's Riddle: What runs without feet? (Answer below)

Ask the Old Farmer: What do you know about milk taking the taste of things that a cow eats or smells? It seems fantastic to me. S W., Jackson, Miss.

Taint, though. Lish Anderson moored his cow next to Eph Higgins onion patch one time. Lish's wife was making butter and it looked fine but it was so cussed strong that one morning it got right out of the dish and walked off the table.

Home Hints Straight vinegar soaking on mineral stains or crusty pans will remove the deposits . . Clean mirrors with a mixture of alcohol and water . *Riddle answer* Water.

OLD FARMER'S WEATHER FORECASTS

New England: Snow, 6-8" coastal, 15-20" inland, for most of week; then cold by week's end.

Greater New York & New Jersey: Rain to start, mixed with snow and colder latter part; cloudy and cold for weekend.

Middle Atlantic Coastal: Light rain and mild at first, then heavy and mixed with snow by midweek; end of week partly cloudy and colder.

Southeast Coastal-Piedmont: Unseasonably warm to start, then scattered showers; colder and rain latter part.

Florida: Clear and warm for most of week, then cold snap latter part; frost in north, rain coastal for weekend

Upstate and Western New York-Toronto & Montreal: Cold at first, then light rain changing to snow, 2-4", at midweek; light snow and much colder latter part

Greater Ohio Valley: Cool with heavy rain, then light snow at midweek; end of week seasonably cold with light snow

Deep South: Rain, heavy by midweek in north and central, then colder; clearing and very cold for weekend

Chicago and Southern Great Lakes: Cold, then flurries in west, light snow in east by midweek; 3-5" snow in latter part, light snow and mild for weekend

Northern Great Plains-Great Lakes: Week begins cloudy and very cold, then warmer by midweek, but light snow in east; seasonably cold and cloudy latter part.

Central Great Plains: Cold with light rain and snow mixed, 2-4" snow in west by midweek; warmer latter part, light rain or flurries for weekend

Texas-Oklahoma: Week begins with rain, central and south, and 1-3" snow in north; then clearing and warmer latter part.

Rocky Mountain Region: Clear and very cold to start, then light snow; snow for weekend, 3-5" and 15-20" in mountains.

Southwest Desert: Clear with lows in upper 20s to 30s for most of week; rain and warmer for weekend.

Pacific Northwest: Cloudy and cold at first, then 3-5" snow by midweek; snow, 1-3", latter part, then gradual warming.

California: Clear and unseasonably cold throughout week; heavy rain and warming for weekend.

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Lancaster Farming

Lancaster County's Own Farm Weekly

P.O. Box 266 - Lititz, Pa. 17543

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Richard E. Wanner, Editor

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FFA Corn, Tobacco Show Winners Announced

Robert Burkholder, Washington Boro RD1, was named the grand champion tobacco grower in FFA competition at the Farm and Home Center, Thursday.

A member of the Penn Manor High School FFA Chapter, Burkholder won with tobacco entered in the wrapper class.

Fred Lefever, Quarryville RD1, was the reserve grand champion An FFA student at Solanco High School, he had also entered his tobacco in the wrapper category.

First place in the filler class went to Kevin Rohrer, Manheim RD2, an FFA student at Manheim Central High School.

Gerald Musser, Ephrata RD1, was tops in the FFA corn judging, with Clair Martin, New Holland RD1, in second place.

John Yocum, agronomist and manager of the Pennsylvania State University Southeast Field Research Farm near Landisville, judged the corn contest.

A.K. Mann Jr. and Lester Whitmore, local tobacco dealers, judged the tobacco.

Top placings in both FFA Corn and tobacco contests were as follows:

Tobacco Filler — Kevin Rohrer, Manheim RD2, first; Glen Ruhl, Manheim RD2, second, and Fred Lefever, Quarryville RD1, third.

Tobacco Wrapper — Robert Burkholder, Washington Boro RD1, grand champion; Fred Lefever, reserve champion, and Robert Reifsnyder, Blue Ball, third.

Corn — Gerald Mussser, Ephrata RD1, grand champion; Clair Martin, New Holland RD1, reserve champion, and Carl R. Gerlach, Columbia RD2, third.

Twin Valley Will Participate at Farm Show, Convention

Twin Valley FFA members will attend the Pennsylvania Farm Show and the FFA Mid-Winter Convention in Harrisburg. The Farm Show affords the FFA members a first-hand opportunity to see new farm tractors and implements as well as other farm equipment and supplies.

Chapter officers and many members will attend the Convention in the Forum building of the State Capital complex.

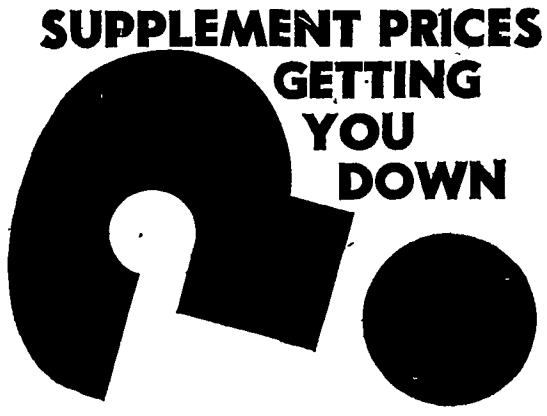
This year Twin Valley will be well represented at the Convention. State vice-president Frank Stoltzfus, former Twin Valley president, will play a role in the Convention. Frank will help in the presentation of the Keystone Degree to about 185 Pennsylvania FFA members, including two Twin Valley members, Richard Kurtz of Elverson RD1, and Nevin Mast, Twin Valley president.

In addition, Stoltzfus' father will be presented with the Honorary Keystone Degree and his mother with the Certificate of Appreciation, as is customary for the parents of State officers.

Only four other Twin Valley members have attained the Keystone Farmer Degree - current state vice-president Frank Stoltzfus, former Chapter presidents Fred Mast and Gary Stoltzfus, and former Chapter secretary Clair Smoker.

The Chapter was notified that it will be presented with an award for the Building Our American Communities (BOAC) program. Eleven such awards will be presented to FFA Chapters in Pennsylvania.

ARE HIGH SUPPLEMENT PRICES GETTING YOU DOWN



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Managing the Soil for Protein

Wheat producers in the Central Great Plains need not forfeit acceptable grain protein levels in order to maintain maximum yields.

Studies by ARS soil scientists Darryl E Smika, North Platte, Nebr., and Wally Greb, Akron, Colo., indicate that protein levels of 13 percent or higher are possible when yields average 30 to 50 ore more bushels per acre.

Grain protein levels below the 11 5 per cent minimum acceptable for milling bread flour have been reported in western Kansas and western Nebraska, but there have been conflicting reports on the causes. In some studies, protein content declined as yield increased, while higher yield was not accompanied by lower protein in other studies.

Protein is the principal nitrogen-containing constituent in the wheat kernel. Soil and climatic factors affecting the nitrogen nutrition of the wheat plant will therefore produce differences in the protein content of the grain Dr Smika and Mr. Greb studied the major soil and climatic influences on grain protein using data from 48 crop years at North Platte, Akron, and southwestern Nebraska locations

They identified two positive and two negative influenced on grain protein levels:

- Protein increased 0 13 percent for each pound of nitrate nitrogen per acre at the 4-to 6-foot depth in the soil at seeding time.

- Protein increased with maximum air temperatures up to 90 degrees F. during the 15th to 20th day before maturity but declined with higher temperature during the 5-day period.

- Protein decreased 0.45 to 0.75 percent for each increase of one inch in available soil water at seeding time.

- Protein decreased 1.5 percent for each 1.0 inch of rainfall received during the 55th to 40th day before grain maturity.

The combined influence of any two of the four factors—soil nitrogen, maximum air temperature, soil water, and rainfall—more accurately predicted protein content than did any one alone, and use of all four gave the closest statistical relationship to protein.

Wheat producers, of course, cannot control rainfall or temperature during the growing season, but they can influence soil water and soil nitrogen available at seeding time by management practices. The combined influence of these factors produced a reasonably accurate prediction of grain protein content at all levels studied.

The scientists found that 11 inches of soil water and 95 pounds of nitrate nitrogen per acre would have been needed to produce grain with 12 percent protein at the highest yield—58 bushels per acre. They point out that this soil water level can be obtained in most years on the Central Great Plains with good stubble-mulch fallow practices. Nitrogen fertilizer, in amounts balanced according to available soil water, may frequently be needed.

The studies also help explain the conflicting relationships between nitrate levels and yield reported by other investigators. Available nitrogen limited both protein content and yield when grain protein levels were between 9 and 11.5 percent. Protein levels greater than 12 per cent were obtained with higher amounts of available nitrogen and smaller amounts of soil water. Thus, limiting water affected only yield, but limiting nitrogen influenced both yield and protein in the grain.

The researchers say there is no reason why yields higher than the maximum 58 bushels per acre in the study, along with grain protein of 13 percent or more, cannot be obtained when both soil water and nitrogen are manipulated by management.

Penna. Broiler Placements Off

Broiler chick placements in Pennsylvania dropped for the second week in a row as the week ending, Dec 23, showed 1,172,000 day-old chicks beginning their feeding cycle, according to a report this week from the Pennsylvania Crop Reporting Service.

This is one percent below both the preceding week and the same week a year ago The current 10-week average trails the corresponding period in 1971 by eight percent.

Although settings of eggs for broiler-type hatch fell three percent from a week earlier at 1,728,000 this is eight percent better than the same week last year and the three-week average tops a similar period last year by seven percent

The heavy shipment of day-old chicks to points outside the state earlier this year has been slowly tapering off. These shipments now average under 200,000, ten percent less than in 1971.

Help Keep Pipelines From Freezing

Repairing doors to the pump house and replacing broken window panes helps keep the water pump from freezing on cold nights A socket for a heat lamp just over the pump is helpful on extremely cold nights when the temperature drops very quickly, says N. Henry Wooding, Extension agricultural engineer at The Pennsylvania State University

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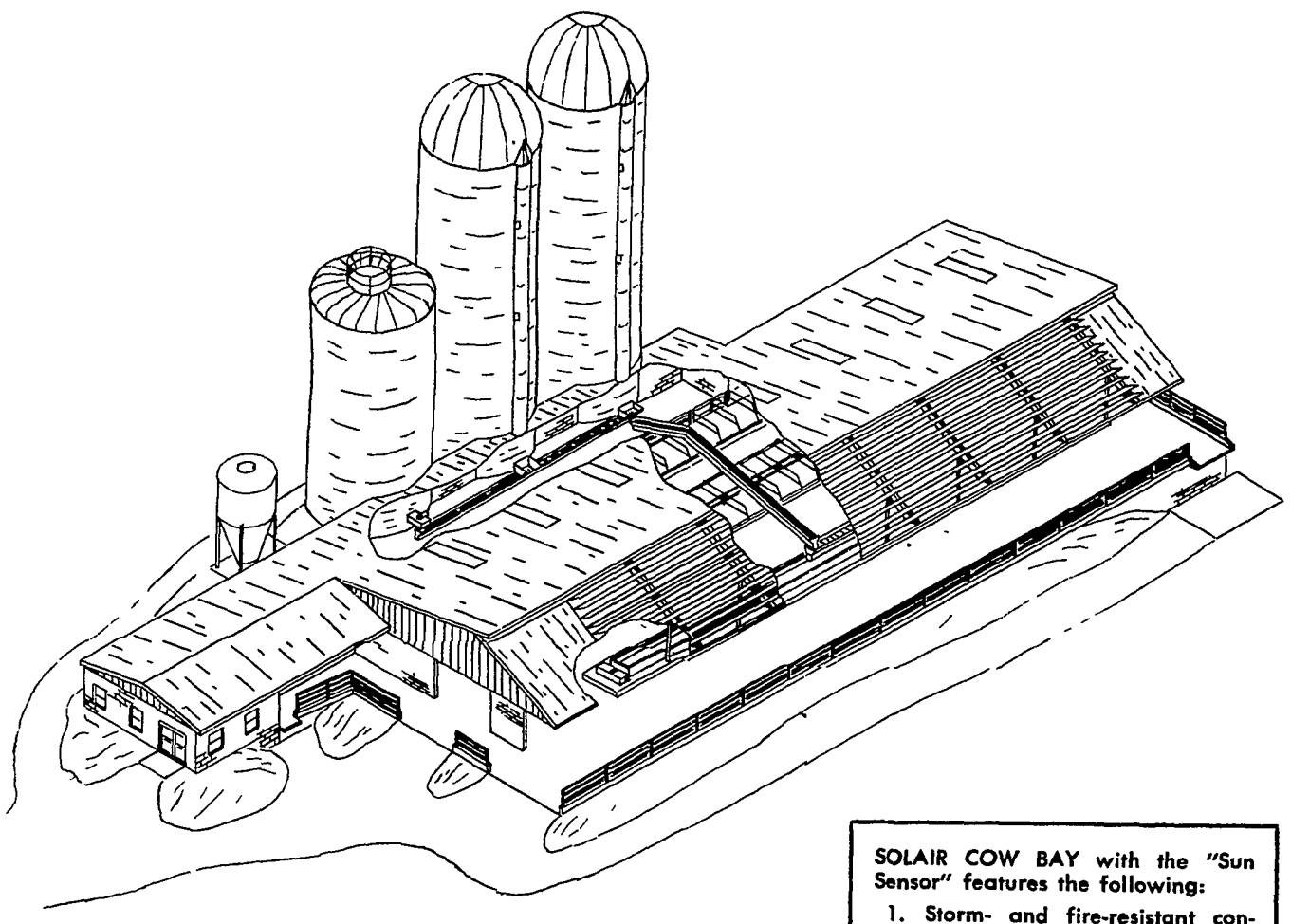

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1973 Pennsylvania Farm Show Daily Schedule

Sunday Afternoon, January 7

1·00—Judging Hampshires—Small Arena
2 00—Judging Cheviots—Small Arena
3 00—Judging Southdowns—Small Arena

Monday Morning, January 8

8 00—Judging starts in all Departments, except where specified hours are indicated
8 00—Judging Suffolk—Small Arena
8 00—Judging Ayrshires including Junior Dairy Classes—Large Arena
8 00—Judging Guernseys, including Junior Dairy Classes—Large Arena
8 00—Judging Chester Whites—Small Arena
8 00-5 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building
8 30—Christmas Tree Growers Association Meeting, Penn-Harris Motor Inn
8 30—Future Farmers of America Executive Council Meeting, Room 200, Education Building
9 00—Judging Poland Chinas—Small Arena
9 00—Judging Belgians—Large Arena
9 00—Judging Shropshires—Small Arena
9 30—Beekeepers Association Meeting, Room 309, Department of Agriculture Building
9 30-5 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena
10 00—Society of Farm Women, Annual Convention, The Forum Education Building
10 00—Judging Dorsets—Small Arena
10 00—Judging Duroc—Small Arena
11 00—Judging Hampshire Swine—Small Arena.

Monday Afternoon, January 8

12 30—Judging Berkshires—Small Arena
1 00—Juding Grade Horses—Large Arena
1 00—Judging Corriedale Sheep—Small Arena
1 00—Beekeepers Association reconvenes, Room 309, Department of Agriculture Building
1 00—Society of Farm Women reconvenes, The Forum, Education Building
1 00—Future Homemakers of America Executive Council Meeting, Room 103, Executive House
1 30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building
1 30—Judging Yorkshires—Small Arena
1 30—Christmas Tree Growers Association reconvenes, Penn-Harris Motor Inn
1 30—Raw Milk Producer-Distributors Association Meeting, Office No 2, Large Arena, Second Concourse
2 00—Judging Rambouillets—Small Arena
2 00—Berkshire Breeders Association Meeting, Room B Main Show Building
2 30—Judging Spotted Swine—Small Arena
3 00—Judging Merinos—Small Arena
3 00—Ayrshire Breeders Association Meeting, Room E, Main Show Building
3 30—Judging Landrace—Small Arena

Monday Evening, January 8

6 00—Society of Farm Women, Penn-Harris Motor Inn Camp Hill
6 00—Suffolk Sheep Association Meeting, Room D, Main Show Building
6 30—Beekeepers Association Banquet, Colonial Park United Church of Christ, 5000 Devonshire Road
6 30—Christmas Tree Growers Association Banquet, Penn-Harris Motor Inn
7 00—Cooperative Swine Breeders Association Meeting, Room B, Main Show Building
7 30—Secretary of Agriculture's Night—Large Arena
9 00—Farm Show Building closes

Tuesday Morning, January 9

8 00—Judging Vocational Swine Classes all breeds—Small Arena
8 00—Judging Holsteins including Junior Dairy Classes—Large Arena
8 00—Judging Milking Shorthorn, including Junior Dairy Classes—Large Arena
8 00-5 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building
8 30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building
9 00—Judging Percherons—Large Arena
9 00—Society of Farm Women Meeting, Room F, Main Show Building
9 00—Future Homemakers of America Executive Council Meeting, Room 103, Executive House
9 00—Christmas Tree Growers Association reconvenes, Penn-Harris Motor Inn
9 30-5 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth Upper Concourse, Large Arena
10 00—Guernsey Breeders Association Meeting and noon Banquet, Scottish Rite Cathedral, 2701 N Third Street
10 00—Chester White Swine Sale—Small Arena
11 30—Berkshire Swine Sale—Small Arena

Tuesday Afternoon, January 9

1 00—Chester White Swine Breeders Association Meeting, Room D, Main Show Building
1 00—Duroc Swine Sale—Small Arena
1 00—Future Homemakers of America Executive Council reconvenes, Room 103, Executive House
1 30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building
2 00—Sheep and Wool Growers Co-operative Association Meeting, Room B, Main Show Building
2 30—Hampshire Swine Sale—Small Arena

Tuesday Evening, January 9

6 15—FFA Band Concert—Large Arena
6 30—Dairymen's Association, Annual Banquet Penn-Harris Motor Inn
7 30—Pa Angus Association Winter Dinner Meeting, Schindler's Restaurant
7 30—Folk Dance Festival and Contest—Large Arena
8 00—Horse and Mule Association Meeting, Room E, Main Show Building
9 00—Farm Show Building closes

(Continued On Page 8)

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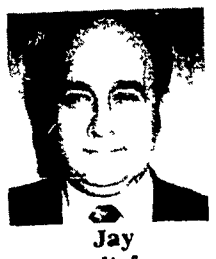
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Farm Show Schedule

(Continued From Page 7)

Wednesday Morning, January 10

8 00—Judging Brown Swiss, including Junior Dairy Classes—Large Arena

8 00—Judging Jerseys, including Junior Dairy Classes—Large Arena

8 00-5 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building

8 30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building

8 30—Rural Electric Association Meeting, Holiday Inn Town

9 00—Judging Angus—Large Arena

9 00—Judging Herefords—Large Arena

9 30—Future Homemakers of America Annual Winter Meeting, The Forum Education Building

9 30-5 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse Large Arena

10 00—Flying Farmers Association Meeting, Room E, Main Show Building

10 00—Vegetable Growers Association Meeting, Room F, Main Show Building

10 00—Landrace Swine Sale—Small Arena

11 30—Yorkshire Swine Sale—Small Arena

Wednesday Afternoon, January 10

12 00—Judging Polled Herefords—Large Arena

12 30—Judging Shorthorns—Large Arena

12 30—Future Farmers of America Awards Convention, The Forum, Education Building

1 00—Spotted Swine Sale—Small Arena

1 00—Vegetable Growers Association reconvenes, Room F, Main Show Building

1 30—Judging Charolais—Large Arena

1 30—Jersey Cattle Club Meeting, Office No 2 Large Arena

2 30—Poultry Federation Meeting, Room 309, Department of Agriculture Building

2 30—Poland China Swine Sale—Small Arena

3 30—Yorkshire Cooperative Assn Meeting, Room E, Main Show Building

Wednesday Evening, January 10

4 00—Charolais Association Meeting, Room B, Main Show Building

4 30—Lightweight Horse Pulling Contest Six-Horse Hitch Demonstration Heavyweight Horse Pulling Contest —Large Arena

6 30—Poultry Federation Dinner, Penn-Harris Motor Inn

7 30—Cooperative Swine Breeders Association Executive Committee Meeting, Room C, Main Show Building

9 00—Farm Show Building closes

Thursday Morning, January 11

8 00-11 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building

9 00—Judging 4-H Club Breeding Sheep—Small Arena

9 00—Judging Junior Beef Breeding Cattle—Large Arena

9 00-2 00—4-H Club Potato Grading Contest, Room F, Main Show Building

9 30-5 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena

10 00—Nut Growers Association Meeting, Office No 2, Large Arena, Second Concourse

10 00—Judging 4-H Club Shorthorns—Large Arena

10 30—Judging 4-H Market Lambs—Small Arena

10 30—Judging 4-H Club Herefords—Large Arena

11 00—Judging 4-H Club Charolais—Large Arena

11 30—Judging 4-H Club Angus—Large Arena

Thursday Afternoon, January 11

1 00—Judging Open Class Market Lambs—Small Arena

1 00—Maple Producers Council Meeting, Room 309, Department of Agriculture Building

1 30—Nut Growers Association reconvenes, Office No 2, Large Arena, Second Concourse

2 00—Judging 4-H Breed Champions and Grand Champion 4-H Steer—Large Arena

2 30—Judging 4-H Baby Beef Trios—Large Arena

2 30—4-H Lamb Fitting and Showmanship Contests—Small Arena

4 00—4-H Sheep Blocking and Grooming Contest—Small Arena

4 30—4-H and FFA Tractor Driving Contests—Large Arena

Thursday Evening, January 11

7 00—Livestock Cavalcade, 4-H Club Light Horse and Pony Demonstration—Large Arena.

9 00—Farm Show Building closes

Friday Morning, January 12

9 30—4-H Baby Steer Showmanship Contest—Large Arena

9 30-1 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena

Friday Afternoon, January 12

1 00—Sale of 4-H Baby Steers

1 45—Sale of 4-H Lambs, followed by Market Lamb Sale —Large Arena

4 00—Farm Show closes

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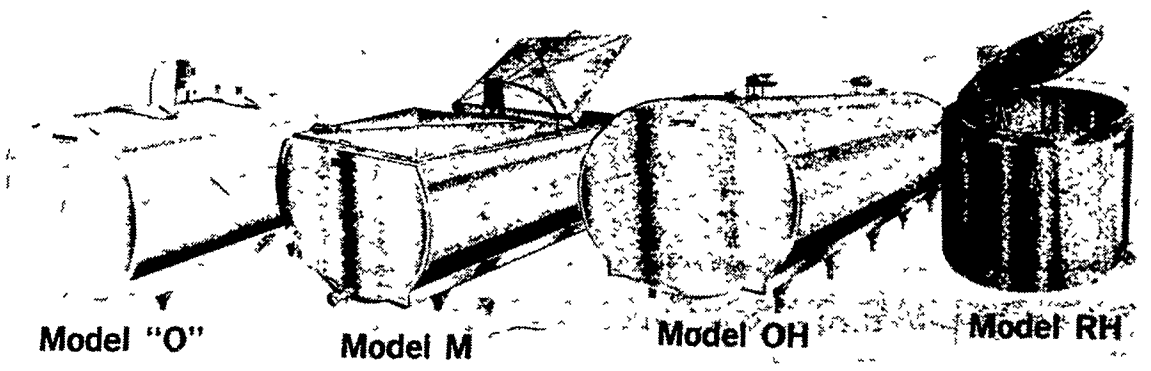

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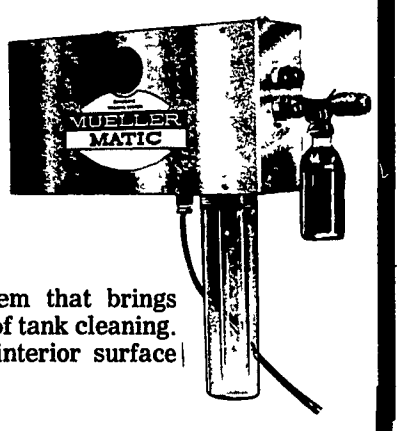

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Farmers Can Expect Better Credit Service in 1973

Farmers, who saw improvements made in their credit services in 1972, can expect still greater advances in the coming year.

Such progress was indicated by E.A. Jaenke, Governor of the Farm Credit Administration, the agency which supervises nationally the $18 billion farmer-owned Farm Credit System.

In his year-end report, Governor Jaenke called 1972 a significant year for U.S. agriculture for it marked the beginning of improved credit programs for farmers and new lending efforts of the Farm Credit System to finance rural development.

"The results of these new services are loans more closely matched to farmers' needs and a small but significant start in helping meet the farm community's financial needs," Jaenke stated.

In addition to expanded credit services for farm operators, the new programs include loans for non-farm rural homes, loans to open seas fishermen and to cooperatives serving fishermen, and loans to rural electric cooperatives on a concurrent basis with the Rural Electrification Administration.

The most significant improved program, said Jaenke, was in farm loans through Federal Land Banks. Past law limited Land Banks to advancing only about one-half of a farm's market value. But the new law provides flexibility in tailoring loans to each farmer's individual needs and repayment capacity.

Congress launched these new and expanded efforts, Jaenke said, with passage late last year of new charter legislation for the System. Implementation of the program has been taking place throughout the year.

Under study throughout the System now are methods in which it could finance certain businesses which perform custom services for farmers, such as custom harvesters, and the extent to which it could participate in financing rural community needs through the recently passed Rural Development Act.

Rural home loans under the new Act can be made by both Federal Land Banks and Production Credit Associations. These organizations have made home loans in the past but only for farm homes. Now the loan program is opened up to non-farmers to build, buy or remodel homes in the countryside The program has been activated by the Banks and Associations in varying stages since last summer. In that time, about 600 rural home loans have been made with advancements totaling $12 million.

Under the Act, fishermen, as basic food producers, become eligible to borrow from PCAs and cooperatives whose membership is made up of fishermen are eligible to borrow from banks for Cooperatives. The loan program, which is just getting underway, shows 44 loans to fishermen and 2 loans to fishing cooperatives. Loans made total nearly $5 million.

The System includes the Federal Land Banks and local Associations, the long-term mortgage lenders; Federal Intermediate Credit Banks and local Production Credit Associations, the short and intermediate term lenders, and the Banks for Cooperatives which finance farmer and, now, fishing cooperatives.

Keep Holiday Meats Fresh

Gifts of food are always welcome during the holiday season but if you received more than you can eat at one time, Extension consumer specialists at The Pennsylvania State University say you need to store hams, smoked turkey, smoked fish and other smoked and processed meat like sausage as fresh meats. Refrigerate them immediately and use them as soon as possible But if you can't use them within a short period of time, freezing will preserve them for a while. It's best to use ham and some of the sausages by the end of two months Quality begins to deteriorate after that time, although they may be safe to eat You can store canned hams for an indefinite period in your refrigerator but it's best not to freeze them

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See You at the Farm Show

It's that time of year again. Time for the sights, the sounds, the smells, the throngs of people, the activities, the awards — the excitment — that make up the Pennsylvania Farm Show.

Many LANCASTER FARMING readers will be at Harrisburg this week, and it's a sure bet that many of them will be coming home with awards for crops and livestock. One bet we'd like to lose is that there'll be lots of snow, or slush, or rain or all three on Farm Show Week.

For a time earlier this year, it looked as if Agnes might have ruined any chances of having a Farm Show. It took a lot of work by Department of Agriculture personnel to get the Farm Show Complex ready. That department has been getting a lot of criticism lately, but this is an achievement we can't critize. We can only say thanks for a job well done.

Congratulations

Farmers in this area have always been among the leaders in Pennsylvania agriculture. The success of Lancaster County farming is one indication of that fact.

Another indication is the number of honors and awards that have come to farmers here Some of the more recent are the Honorary Keystone Farmer degrees to be conferred during the Farm Show week on vo-ag teachers Jess Erway, of Manheim Central High School, and Phillip Ogline at Garden Spot, and farmer-businessman Miles Fry, Ephrata.

And dairyman James Kreider, Quarryville, was named this week to receive the Master Farmer award for 1972.

Awards like these recognize not only the winner's proficiency, but his service to agriculture and the people of Lancaster County. We would like to congratulate these men and also say thanks for their good works over the years.

Vote Yes for Milk Promotion

There are a lot of reasons for dairymen to vote in favor of a checkoff program that would provide funds for milk advertising and promotion In the Pennsylvania milk referendum scheduled to be held between January 12 and 26, a lot of milk producers will vote for a checkoff program

There are also a lot of reasons for voting against checkoffs and a lot of dairymen will vote "No" in the referendum Three years ago, in fact, Pennsylvania dairymen voted overwhelmingly against checkoffs

We can't argue with the logic of either side of the referendum issue. Both sides have the same facts, both sides have assessed those facts, and both sides have come up with logical, although opposing, positions

We have listened to both sides, we have looked at the facts, and we have concluded that the arguments for a checkoff program outweigh the arguments against it

Checkoff opponents say that they don't want to participate in a mandatory program We wholeheartedly agree with that sentiment However, given the basic facts of human nature, a checkoff program has to be mandatory, not just to work, but to be fair

It simply would not be fair for a small number of voluntary contributors to bear the entire cost of a program designed to benefit the whole industry This is true whether or not the program does, in fact, benefit the industry Either all should pay or none should pay And if the majority rules in favor of checkoffs, then all should pay, including those who are opposed to the program

Another very strong argument advanced by the checkoff opponents is that advertising results are difficult, if not impossible, to measure especially, in the extremely complex milk market This is an argument that just can't be won with clear-cut statistics The opponents are saying "Show me!", and the plain truth is that nobody can show them. Not for certain, anyway

Brand advertising is certainly a proven way to move goods That's how General Motors sells Chevrolets, that's how Miles Laboratories sells carloads of Anacin, that's how Tiffany sold lampshades.

Milk is marketed under brand names, Individual dairies can influence their brand sales with the amount of advertising money they spend. It is pretty evident, though, that when one dairy is a particular market increases its sales, it does so at the expense of the other dairies in that market Overall sales in the market, in other words, aren't increased by brand advertising even though a particular dairy may double or triple its sales with a well-executed advertising program.

Check-off opponents say that you can persuade people to buy their milk at one place rather than another, but you can't persuade them to buy more milk. Those who support checkoffs feel it is possible to increase milk sales with non-brand advertising.

There are indications that commodity advertising does pay. Citrus growers have tried it, egg organizations have had some apparent successes and the pork producers say that their efforts have been amply awarded. But again, there are so many variables that it's hard to say for sure that non-brand advertising has increased sales for any particular commodity.

We honestly feel, though, that there have been enought apparent successes to warrant an industry backed promotion program for Pennsylvania milk. If an advertising program is well-funded, and if it is well-executed, we feel that milk sales will increase. If the dairy industry can increase public awareness of the health-giving, nutritious qualities of milk, then the public should buy more milk.

We urge dairymen to vote "Yes" on the milk referendum. And if a checkoff program is instituted in Pennsylvania, we urge all milk producers, even the opposition, to help make the program a success.

WEST POINT, MISS., TIMES LEADER: "...somehow or other, many American public school systems miss the boat when it comes to graduating young people with a sound basic skill in use of their native language. With all due acknowledgment of the truism that generalizations are odious, we say that students who get through high school and enter college should be able to write straightforward English without a lot of misspelled words and grammatical mistakes."

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To Vote In Milk Referendum

Pennsylvania dairymen will have a chance to vote in the statewide Milk Marketing Referendum to be conducted by the Pennsylvania Department of Agriculture from January 12 to 26. If the majority of the dairymen voting favor such a plan, then all dairymen will be expected to pay 5c per hundred pounds of milk sold into a dairy marketing and promotional program. The referendum will require a majority of those voting to favor the plan before it is passed. Local dairymen are urged to become acquainted with this referendum and participate in the outcome. Milk marketing cooperatives will be able to bloc vote for their membership.

To Control Parasites

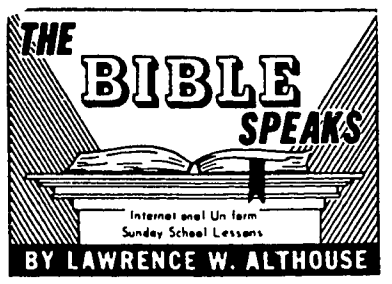
Livestock and dairy production costs are rising and all producers must do a good job on management in order to make any profit. In many cases either internal parasites or external parasites are reducing the performance of the animals. During the winter long hair coats bring heavy cattle lice infection. Spraying with one of the common insecticides using cold water should eliminate the problem. Stomach worms are very common and again will reduce the vigor and production of the beast. With the more expensive feeds and inputs, every producer should be sure that parasites are not taking away his profits.

To Segregate Animals

Winter weather presents more problems when it comes to the transporting of all species of animals. Whether it be from a sale or a show, it is strongly recommended that new animals be kept separated from the rest of the herd or flock for at least 30 days. Animals coming back from State Farm Show should get this same length of segregation. In many cases the returning animals have been treated for various infections and may not get sick; however, when coming into contact with untreated animals the latter group may come down with any infections. Segregation and good sanitation are very important at all times.

To Practice Farm Pond Safety

It might be bold on my part to mention the possibility of farm ponds freezing hard enough for ice skaters, but no doubt this will happen in the next month or so. When the pond freezes over many youngsters will be wanting to skate. Farm pond owners are urged to give some supervision to the skaters and have rescue equipment such as a wooden ladder, ropes, or other non-sinkables handy. Also the ice should be at least 3 to 4 inches thick to hold a group of people. Persons should not skate alone on ice of uncertain strength or thickness. Farm pond safety during the winter is just a important as during the summer months when swimmers enjoy the water.



TIME TO CHANGE

Lesson for January 7, 1973

Background Scripture Jeremiah 31, 32 36 41
Devotional Reading Isaiah 55 3-11

"I think the Lord just got my attention!"

These words suddenly came from a friend as he brooded over a stinging personal defeat. What he meant was, not that God had caused this defeat, but that in the midst of it he was beginning to hear what God had obviously been trying to say to him for some time. Humiliated and despondent, the message was starting to get through to him: there were going to have to be some substantial changes in his life

Rev. Althouse

"I will forgive their iniquity . . ."

One thing that was now for the first time very clear to him was that his pride had become a sinful, destructive factor "Riding high," he had not been willing to see this, but now, his pride wounded, he realized that it had been a subtle but destructive force in his life "Strange," he mused, 'how blind I've been to it."

This is the way it had been for the people of Judah Jeremiah the prophet had tried to make them see their need for repentance and change, but they had stubbornly refused to heed his warnings Now, captives in Chaldea, God's message at least was beginning to get through to them. And the man who had correctly forecast their tragedy, now was bringing them a new message of hope: " . . . I will forgive their iniquity, and I will remember their sin no more" (31:34).

Sometimes we have to go through bitter experiences before we begin to hear the message God has been sending to us: "Time to change!" "Time to change!"

"Upon their hearts . . ."

Jeremiah spoke of a "new covenant" which God would make with the people. Actually, this "new covenant" would be a new relationship between God and his people. The old relationship ("covenant") had rested upon laws written on scrolls. Intended to guide the people in spiritual growth, these written laws were often broken, ignored, or twisted into insignificance. What God proposed now, said the prophet, was a new relationship based, not on written laws, but a new spirit within their own hearts.

This promise of a new covenant relationship also speaks to our needs today, too. No less than the people of Judah, we too are likely to drift into a weak, second-hand type of religion. We too can depend too much upon externals —appearances of respectability, rituals, customs, churchisms, etc. —and miss that most necessary spiritual reality. the experience within. Thus, it is for us too that Jeremiah gives the promise: "And no longer shall each man teach his neighbor and each his brother saying, 'Know the Lord' for they shall all know me . . ." (31:34).

Perhaps God is trying to get your attention, to tell you that it's time to change.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A Released by Community Press Service)

Keeping Up-to-date with the Milk Industry

How do research scientists, governmental officials, physicians, nutritionists and other key health professionals and spokesmen keep up-to-date on current values of milk and other dairy food?

"It depends," says Dr. M.F. Brink, president of the National Dairy Council. "Certain scientists can be very close to such information - particularly as it relates to their speciality. This is especially true of scientists whose research is sponsored by NDC through its nutrition research grants-in-aid program.

"But for the overwhelming majority of researchers and other health leaders in America, the wide variety of information and research trends relating to the nutritional virtues of dairy products must come to them from a special source, an interested source such as the National Dairy Council."

One of the ways NDC keeps health leaders up to date, says Dr. Brink, is the publication of a bi-monthly research reivew, Dairy Council Digest. The Digest is about to begin its 44th year. This highly respected publication provides concise discussions of nutritional matters that can affect the consumption of milk and its products.

The pubication, of curse, does not talk sales. But it discusses in depth those areas of public concern that also relate to dairy products in the human diet.

This performs a service to health leaders in that they are provided with information gathered together in a form not available elsewhere.

The Digest, in turn, renders the dairy indsutry a service in that it gives health leaders positive and accurate information that helps to counter hearsay, faddism, and over-interpretation of trends in nutrition research, including areas of conjecture in which dairy foods are sometimes unjustifiably criticized.

What will Dairy Council Digest cover in 1973? Six main topics will be featured. These include food faddism, diet and atherosclerosis, nutrition and dental health, the nutritional role of trace elements (minute amounts of minerals such as copper, zinc, and manganese) in human health, the 1973 revised recommended dietary allowances, and the effects of malnutrition on learning and behavior.

"All of these topics, these areas of research interest, are meaningful in terms of the role of milk and its products in America's diet," says Dr. Brink. "How well the facts are known, how well they are understood, will have a far-reaching effect on a most important process that is now developing — the formation of a national policy on nutrition in the United States. We are on the threshold of national decisions that will influence milk consumption for a generation, if not longer."

Dairy Council Digest reaches a total audience of at least 720,000 each year. The Digest is mailed by NDC and affiliated Dairy Councils to physicians, dentists, nurses, dietitians, nutritionists, extension workers, and teachers. Here are brief summaries of the main topics to be discussed in six 1973 issues of the Dairy Council Digest:

January-February

Food Faddism

Food faddism is receiving increasing attention from nutritionists and other health leaders due to the health, economic and social problems which can result from bizarre eating habits. The Digest will present an overview of food faddism, the nature and definition of types of food faddism, and the inherent dangers

March-April

Diet in Early Life in Relation to Atherosclerosis (hardening of the arteries)

This issue will present the role of diet in relation to other environmental factors (such as living habits, heredity, blood pressure) which may contribute to the onset of atherosclerosis, the Digest will discuss diet in early life and review the American Academy of Pediatrics' position on this subject.

May-June

The Impact of Oral Health

Articles in the scientific literature have presented new material on this subject. The National Nutrition Survey has released findings from several states, including results of dental examinations which indicated the detrimental effect of poor nutrition on oral health. These will be discussed, as will recent investigations dealing with the role of phosphorus in tooth decay prevention. The latter suggests that milk, which contains phosphorprotein casein, may have significant preventive properties.

July-August

The Role of Trace Elements in Human Nutrition

Interest in the role of trace elements (minute quantities of minerals) in nutrition has increased. This digest will update knowledge and present an overview of certain aspects of trace element nutrition such as: the biological function (s) of micronutrients such as zinc, copper, nickel, and other metals, their concentration in milk, estimated human requirements, and circumstances predisposing to deficiencies in the human body.

September-October

Recommended Dietary Allowances, Revised 1973

This Digest will contain the revised basic RDA's schedule to be published in the fall for the various nutrients according to age-sex groupings. A comparison of the 1973 RDA's with the 1968 RDA's as related to the dairy industry will be presented

November-December

Malnutrition, Learning and Behavior

This issue will discuss the effect of malnutrition (acute and borderline) on biochemical changes in the central nervous sytem, on behavior and performance, and the correlation between behavior and observed biochemical changes. Interest in this area is exemplified by the Protein Advisory Group of the United Nations System Statement on "The Relationship of Pre and Postnatal Malnutrition in Children to Mental Development, Learning and Behavior."

Hostess Spy

Rose Greenhow, a Washington hostess and famous spy during the Civil War, is said to have sent word to Confederate Gen. Beauregard that the Yankees were coming, causing Union defeat at Bull Run.

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Turkey Breeding Industry Sees Possible Breakthrough

Virgin birth in the turkey has been confirmed at The Pennsylvania State University to stem from eggs whose germ cells are normal

The findings, which emerge after 12 years of cooperative research by Dr Edward Buss and Dr M W Olsen (USDA), clear the way for an intensive effort to determine if a virus is the trigger of the phenomenon, known as parthenogenicity.

Parthenogenesis, like cancer, is a form of unexpected cell proliferation The term means virgin birth· female germ cells begin to divide and multiply without benefit of male sperm Parthenogenesis is known in insects but the turkey is the highest animal in which it has been observed

In that bird it is an extremely fragile mechanism less than half of one percent of all eggs that are self-fertilized result in mature individuals

Aborted embryos, spots of blood, or mere fragments of membrane are the issue of rule

However, parthenogenesis could throw new light on the role of the virus in abnormal cell growth It also has virtue that could prove a bonanaza to the half-billion-dollar turkey breeding industry.

Until now, scientists have believed that some error in the process by which chromosomes separate (meiosis) was responsible for parthenogenesis

But Buss and Olsen proved that no such errors take place Eggs of parthenogenic mothers, they found, begin as haploids, that is, they contain one set of chromosomes, which is normal

In view of this evidence, Buss and Olsen concluded that some outside agency is very likely the trigger of virgin birth in the turkey That agency might be a virus

In joint but deliberately separated experiments concluded in 1966 the two men had demonstrated that the fowl pox (a virus) seems to enchance parthenogenicity

In a family of birds kept in a supposed virus-free environment at University Park, Buss, by selective mating, observed an 18 per cent increase in parthenogenicity but no embryos

At Beltsville, when females were vaccinated with virus the same 18 per cent increase was noted but, along with it, some embryos were produced This was encouraging, but not conclusive evidence that a virus is involved

Now, Dr Buss has just embarked on a new experiment in which he will mate birds in the presumed absence of the virus, then remate the same birds after the male has been vaccinated with fowl pox

"What we are after," says Buss, "is evidence as to whether the outside agent causing parthenogenicity is passed on — piggyback— from one generation to another This would mean it had not only stimulated virgin birth but had infiltrated the cell nucleus and caused a genetic change Positive results from the experiments—which are expected to take five years—would constitute strong evidence for the theory that a virus can trigger abnormal cell proliferation "

It has long been known that parthenogenesis may be triggered by mechanical means (one scientist got reproduction going in a frog by poking into its eggs with a needle), but it is not known if the virus works by mechanical or chemical means, or both

If mechanical, the virus is presumed to act somewhat like a speck of sand in an oyster: a foreign body, the sand stimulates growth that can result in a pearl. So the virus: its presence sometimes irritates the genetic material into activity.

The process, if it proves controllable, could lead to a pearl of spectacular dimensions for the turkey breeding industry.

For, if virgin birth can be deliberately induced in turkeys of top pedigree, by viral inoculation, a sort of "super-bird" might be achieved, one in which undesirable characteristics have been eliminated by parthenogenesis because of the fragility associated with it.

That fragility is due to inequities in one of nature's most delicate balancing acts: the "juggling" of genetic material (chromosomes) so that the contributions of both a male and female are intermixed.

In parthenogenesis, because no male is represented, this balance is impossible. Thus, "bad" genes from the mother have no chance of being tempered by "good" genes donated by a father.

The difficulty becomes manifest when cells undergo a genetic change known as diploidy A diploid cell is one that has two sets of chromosomes. In normal germ cells, after diploidy, the crucial balance is maintained between male and female donations.

In parthenogenetic cells, however, when bad genes are doubled the balance is lost: their influence becomes lethal. This is why most parthenogenetic offspring never see the light of day.

By the same token, those few who do survive (all males) are likely to be genetically clean: they must have been purged of bad genes or they would not have survived. If these "super-birds" can be mated to carefully selected females, considerable inprovement might be made in a particular stock of turkeys.

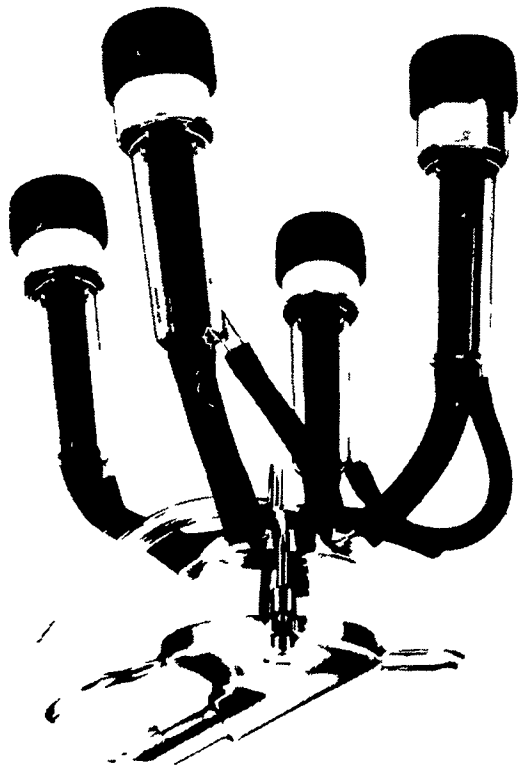
Dr. Buss' experiments are funded in part by the Agricultural Experiment Station at The Pennsylvania State University. Graduate Research Assistant Mr. L. J. Gaffney, of Australia, assists in one phase of the project.

The Buss-Olsen research into parthenogenicity was originally stimulated by the turkey breeding industry, which annually suffers millions of dollars of losses due to infertile eggs. These are thought to be the result of parthenogenesis which, as stated in the theory, usually results in abortions of only

(Continued On Page 13)

AGWAY

Agway's Sta-Rite Full-View Milking System can eliminate machine-caused mastitis.



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Turkey Breeding

(Continued From Page 12)

fragmentary signs of life.

If parthenogenicity could be definitely tied to a virus and deliberately induced in certain females of high quality, the chances of viability would be increased and thus male progeny of extremely high quality might result. Ultimately, if antiviral agents are developed, the phenomenon might be greatly reduced in ordinary populations of turkeys.

The turkey breeder would thus have at his disposal a menas of reducing the genetic variability in a given population; the resulting homogeneity would make for less handling losses and, possibly, lower costs to the consumer.

About 115 million turkeys are produced for sale each year, at approximately $4.50 each: about half a billion dollars gross.

Dr. Olsen's previous work, prior to the joint experiments with Buss, involved attempts to produce a turkey-chicken hybrid. He found that when female turkys with a low incidence of parthenogenicity were fertilized with semen from male chickens no hybrids developed. It was only after using turkeys with a high observed incidence of parthenogenicity that hybrids were produced. This put Olsen on the trail of an agency that would raise the incidence of parthenogenicity: the virus.

In their first cooperative experiment (1966), Buss and Olsen designed the following procedure:

Twenty-four pairs of birds (sisters) were separated between University Park and Beltsville (Md). Males were mated to one sister at University Park, then taken to Beltsville and mated to the other. Offspring of these matings, used in later stages of the experiment, were thus genetically as similar as they could be.

Unvaccinated males were then mated to progeny of the above unions (at University Park) and the same males, vaccinated, were mated to sisters in Beltsville. Daughters of both matings were observed: if there was a high incidence of parthenogenicity in the eggs of those daughters resulting from matings with a vaccinated bird (as was the case) than from matings of their sisters with unvaccinated males, it was assumed the virus had become involved with the sperm in such a way as to enhance parthenogenicity.

The establishment of the fact that parthenogenic eggs begin as haploids was accomplished in experiments involving cytological analysis on Beltsville Small White turkey eggs.

A paper describing these experiments has received wide distribution, with a large number of requests for reprints coming from Europe. ("A Cytological Study of Early Cell Populations in Developing Blastodiscs of the Turkey" by Darcey, Buss et al; Genetics, 69; 479-489; December 1971.)

Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

VITAMIN INTERRELATIONSHIPS — II

(Second of a four-part series of articles)

To know the importance of vitamins, you need to understand how individuals cells in our bodies work. Your body consists of more than a trillion cells They all work together to perform chemical functions that are essential

But assisting each cell with its specific tasks are numerous enzymes Enzymes are known chemically as biochemical catalysts. A catalyst helps induce chemical reactions and allows changes to occur under milder conditions It is estimated that in helping the cell to do its jobs, individual enzymes perform their specific tasks about 10,000 times a minute. Since it is also believed that each cell contains about 1,000 different enzymes, a cell obviously is a very busy place.

Can't Work Alone

But some enzymes cannot work alone They have to have the help of a co-worker So, the co-workers are known as coenzymes And here is where vitamins are important, for many coenzymes are, in fact, vitamins — or vitamins are needed for their production So, it is true when your chemistry book tells you that a primary function of vitamins is assisting enzymes in carrying out the many chemical happenings that are essential for life

How Were Vitamins Discovered?

Vitamins are the newest nutrient group in nutrition. Discovered as recently as 1913, the first known vitamin was, as you would suppose, vitamin A It had been known before then by scientists that something other than pure protein, fats, carbohydrates, or minerals was at work in foods — something that encouraged growth Working with laboratory animals, vitamin A was discovered and since then, the whole host of presently-known vitamins has been identified, each for its particular contributions to nutrition

Vitamin A, of course, is best known for its prevention of night blindness We don't know how it works, but a deficiency of this vitamin will result in an inability to see in dim light Vitamin A is obviously important in the whole visual process But it is also important in maintaining your skin and mucous membranes Without enough vitamin A, the moistness and pliability of your eyelids and eyes, for example, would dry up. Dry, rough, itching skin also can result

Eye Membranes

The membranes of the eye are especially susceptible to vitamin A deficiency In World War II, because of extreme shortages of vitamin A over a long time, Danish children developed an eye disease called xerophthalmia. They had been getting only skim milk Many lost their eyesight

When whole milk was restored to Danish children's diets, the disease was brought under control The factor was the vitamin A in milkfat and butter Other good sources of vitamin A include cream, cheddar-type cheese, ice cream, liver, egg yolk, dark green and deep yellow vegetables, deep yellow fruits

Storing Holiday Apples

If you received more fresh fruits than you can eat during the holidays, Extension consumer specialists at The Pennsylvania State University say you can store them If possible, place apples in perforated bags in the refrigerator or in a cool basement—but make sure the storage temperature is above freezing. You can store oranges and grapefruit in a cool room from 60 to 70 degrees. But if the citrus fruits are held too long, at too low temperatures, the skin can become pitted.

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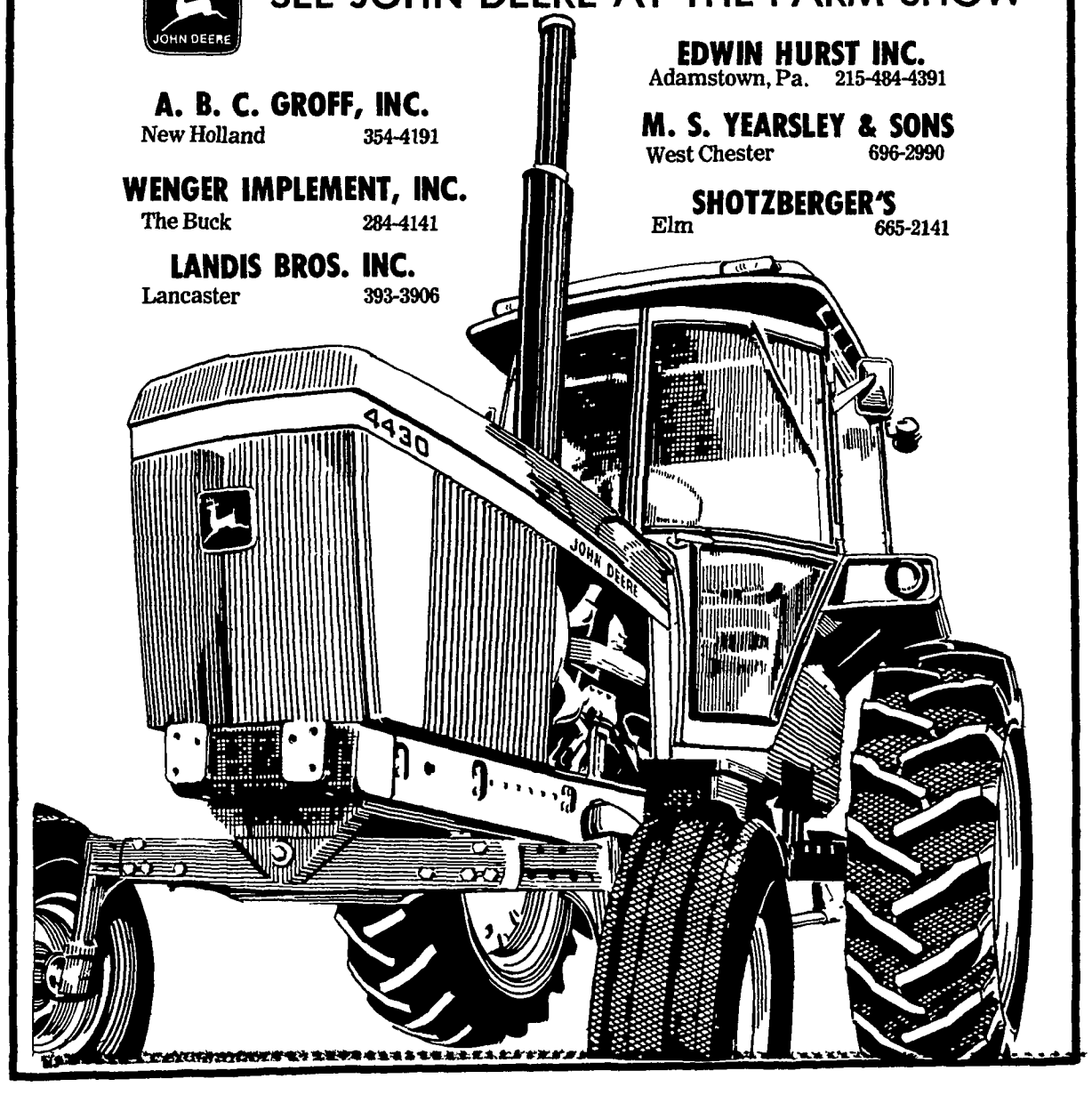

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Miles Fry

(Continued From Page 1)

Revolution. Fry's office, for example, is in a former kitchen which boasts an enormous walk-in brick fireplace built sometime before 1760. Like the thousands of poplars on his farm, Miles Fry has deep roots in Lancaster County.

In 1955, Fry started his poplar nursery with eight cuttings, a fact which was duly reported at the time in the pages of LANCASTER FARMING.

"When I first started the trees," Fry commented, "I took a lot of kidding from people who told me I ought to plant corn instead of sticks. But I knew that the hybrid poplar was going to be an important tree, and I stuck with it."

In the catalog which they send to prospective customers, Fry and his son have this to say about hybrid poplars:

"When we planted eight Hybrid Poplar cuttings in the spring of 1955 we hoped that we were planting a tree that would grow good timber in our time. That was our only purpose. Thruout the intervening years there has been a steadily increasing public concern about our deteriorating environment and the impairment of ecological balance and the conservation of our natural resources

"In our Hybrid Poplar catalogue for 1972 we have tried to show you the part that Hybrid Poplars have in helping to find a solution for some of these problems. We wish that we could actually show you growing trees instead of sending you our catalogue. We would show you:

"Pleasant shady trees lined with 25 to 40 foot trees planted five and six years ago. In the back yards of these new homes there are shade trees and screens that provide the comfort a family needs. One home owner told the story: "Planting the Hybrids has meant the difference between a good community to live in or a sprawl of houses."

"In our farm community we would show you good trees planted in pastures, along the farm lanes and roads and around farmsteads.

"On the churned up land of the mine spoils you would see good young timber growing. Not many years ago these black spoils were regardless as useless.

"Sanitary land fills are an increasingly serious problem in many communities. Generally they are a blight of the surrounding area. The growth of the Hybrid Poplar rooted cuttings on the Ft. Dix fill is assurance that within a few years these acres can be converted into beautiful forests.

"You would see prime saw and veneer timber growing on abandoned farm land, pulpwood in eight to ten years, saw timber and veneer in from 20 to 25 years. To those of us who grew up with the reality that it took seventy-five years to grow a good wood lot this seems incredible. The plantings at Williamstown are evidence that it can be done."

From those eight cuttings, the Frys have now developed both a commercial and an experimental tree-growing operation with over 100 different varieties of hybrid poplar. Every year, some 500,000 tree cuttings are taken from the farm. Some 150,000 to 175,000 are replanted, and the rest are sold.

Over the years, Fry has worked with young people almost as energetically as he's worked with trees and crown vetch. Countless numbers of trees and crown vetch cuttings have been donated to young people, particularly FFA groups.

No FFA group has ever paid for trees received from Fry for the many home and community improvement projects. Among the projects of special interest are an FFA project to reforest unleveled spoil banks, planting trees on the discharge from deep mine waste, and plantings done at old iron ore mines. These projects involved FFA groups in Berks, Schulkyll, Somerset, Erie, and Lancaster Counties.

In addition his efforts have been extended to the Grassland Chapter in Eastern Lancaster County School District as well as chapters in Ephrata and Quarryville. He's also worked with the Elementary Agriculture Program encouraging young members in the development and appreciation of the environment. There are between two and three thousand young trees growing around the district carefully tended by their youthful recipients.

New Holland 4-H Baby Beef Club Reorganized

The first meeting of the 1973 New Holland Baby Beef 4-H Club was held recently at the home of John Groff, 37 Quarry Rd., Leola.

The following officers were elected for 1973:

Ken Groff, president; Gordon Hoover, vice-president, Judy Weaver, secretary, Jeff Martin, treasurer, Kathy and Mike Martin, game leaders, Rick Good, song leader; Bill Hughes, reporter

Leaders are John Groff, Harvey High, Bob Martin, Lester Weaver and Mark Yoder There are 29 members this year.

The next meeting will be held February 19 at Bob Martin's, New Holland

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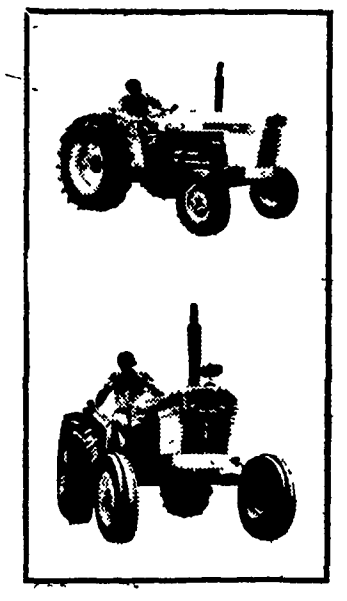

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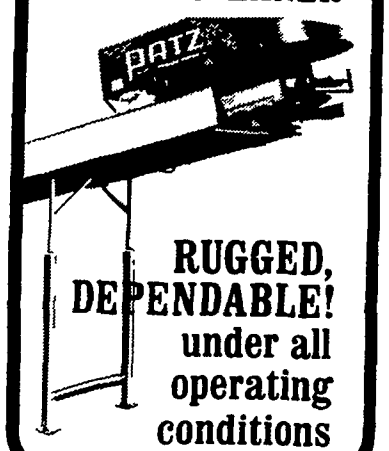

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Honors To Be Given

Two Lancaster County vocational agriculture teachers, a Berks County vo-ag teacher, and an area agribusinessman have been named to receive special recognition by the state Future Farmers of America at the mid-winter convention in Harrisburg on Wednesday.

Phillip Ogline, vo-ag teacher at Garden Spot High School, will receive a Special Citation, being recognized for his years of teaching service Ogline received the Keystone Farmer Degree while a high school student. Having taught for nine years, he has been at Garden Spot for the past six years. He teaches about 200 seventh and eighth grade students and 52 ninth graders. He also teaches two sections of ninth grade environmental ag.

Jess Erway, Young Farmer advisor at Manheim Central High School, has been named to receive the Honary Keystone Farmer degree He has been teaching at Manheim Central for 10 years His duties presently include teaching classroom and shop skills to 26 ninth grade vo-ag students as well as conducting seminars, meetings and on-farm visits with more than 90 Young Farmers in the Manheim area.

Pius L Dillon, vo-ag teacher at Brandywine Heights Area Schools in Topton, will also receive the Honary Keystone Farmer Degree

Dillon was a soil conservationist with the USDA before entering the teaching profession. A graduate of Penn State University, he received a Master's Degree from Lehigh University He is a member of the National Honorary Agriculture Fraternity, Gamma Sigma Delta, and Alpha Tau Alpha, the Agriculture Education Fraternity.

He is a member and past president of the Topton Rotary Club, Topton Pioneer Grange, chairman of the Topton Borough Planning Commission and Zoning Hearing Board

Miles W. Fry Sr , Ephrata RD3, was chosen to receive the Honorary Keystone Farmer degree for agribusinessmen

Fry is being cited by the FFA organization for his untiring efforts in working with vo-ag students not only in Lancaster County but in many areas throughout the state. The Fry hybrid poplar and crown vetch operation is used for field trips, and he has donated a considerable number of trees to FFA groups, many of which have been used in community and home improvement projects

Pius L. Dillon

Among projects of special interest existing between Fry and FFA Chapters have been.

- Reforest unleveled soil banks
- Planting trees on discharge from deep mine wastes
- Plantings done at old iron mines

Fry has also worked closely with the elementary school program of the Eastern Lancaster County School District

When most men of Fry's age are thinking of slowly down and retirement, Fry is serving as an inspiration to hundreds of FFA students.

Plans Announced for 8th Dairy Conference

The 8th Annual Southeastern Dairy Conference has been announced by the co-sponsors for Tuesday, February 16, 1973, beginning at 9:30 a m All are invited to the Guernsey Sales Barn, located on U S. Route 30 East of Lancaster, for this increasingly popular event It will be co-sponsored by Allis-Chalmers Farm Machinery, Inc.; Curtiss Breeding Service, John W. Eshelman & Sons, New Holland Supply Co , and Pennsylvania Power & Light Co.

In the past, dairymen from more than six counties have gathered at this important function to hear timely speakers from all phases of the dairy business and dairy industry.

An informative program is being planned with popular speakers Door prizes will be awarded and lunch will be served

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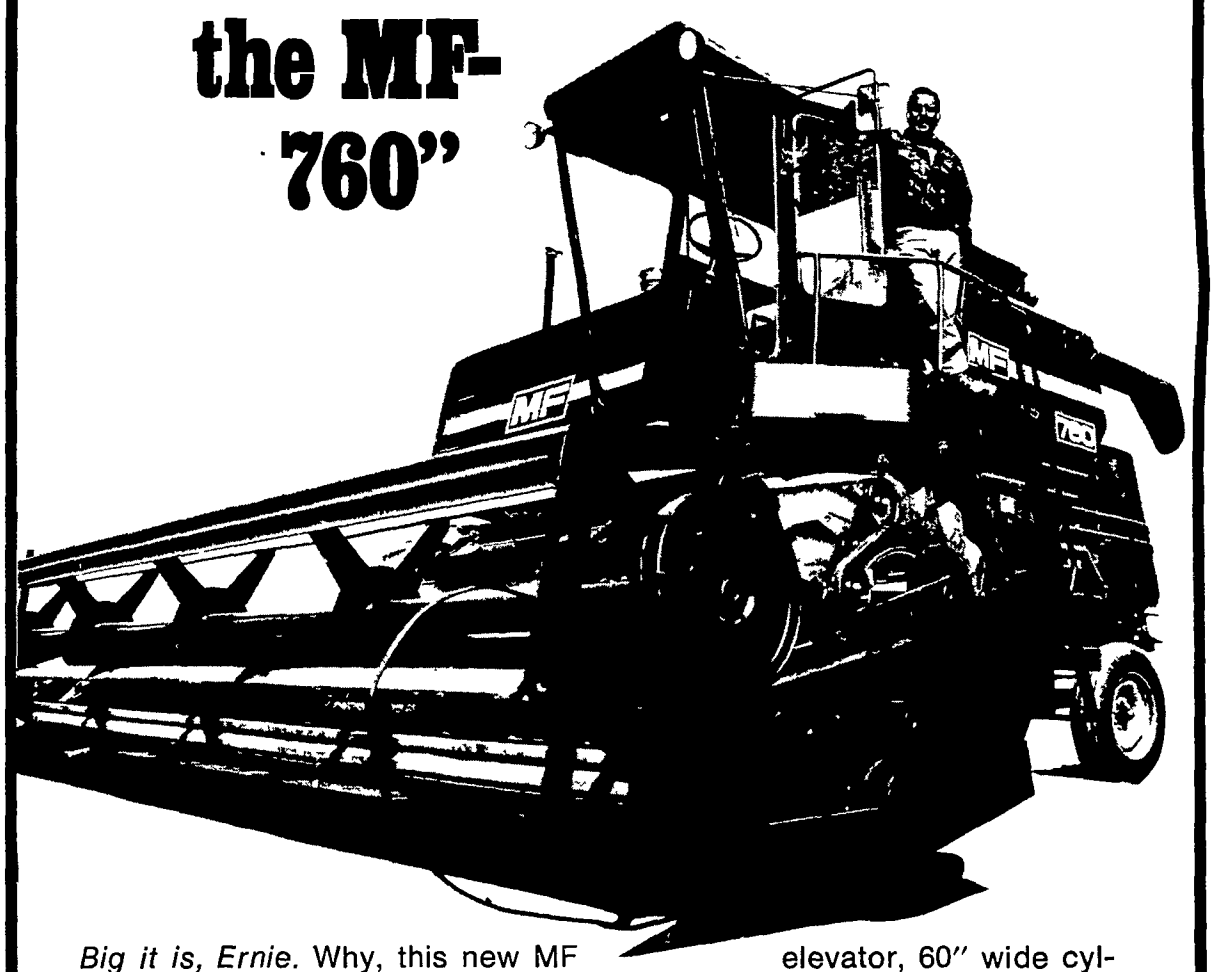

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Expert Predicts Increased Per Capita Meat Consumption

Although meat production may reach an all-time high in 1973, it still will not be enough to meet the expanding appetite of Americans for meat, Clifton B. Cox, Chairman of the Board of Directors of the American Meat Institute, said in a year-end statement.

Cox, who is President of Armour Food Company, Phoenix, Ariz., estimated that Americans will consume 192 pounds of red meats per capita in 1973. This will be slightly above the previous high established in 1971.

He called for a specific national policy to assure Americans a continuing abundant supply of meat. He said the government should· (1) release its large stocks of feed grains; (2) encourage adequate feed production; (3) permit the use of set-aside agricultural acres for livestock feeding, and (4) take no action to hinder the international movement of meat and livestock products.

Cox predicted that demand for meat, stimulated by expanding employment and rising total consumer income, would continue to be high in 1973. "Our major problem is not finding a customer for meat but rather, finding enough meat to fill the demand," he said.

Cox estimated that more than 38 billion pounds of red meats will be produced in 1973. Beef consumption should increase two and one-half pounds to a record 118 pounds per person in 1973. Projected increases in pork supplies during the last half of 1973 should bring per capita pork consumption to 69 pounds, up one and one-half pounds over 1972.

While beef production rose in 1972, the increase was not as much as expected because cattle growers held back cows and heifers to expand breeding herds and thus increase future beef supplies, he said.

In 1972, total meat production was 36.9 billion pounds, down 857 million pounds from 1971. By categories, this was: beef, 22.3 billion pounds, up 430 million pounds; pork, 13.6 billion pounds, down nearly 1.2 billion pounds; veal, 460 million pounds, down 86 million pounds; lamb and mutton, 540 million pounds, down 14 million pounds.

Last year, Americans consumed, on the average, 115.5 pounds of beef, up two and one-half pounds of beef, up two and one-half pounds; 67.5 pounds of pourk, down five and one-half pounds; about two pounds of veal and slightly more than three pounds of lamb and mutton, Cox reported.

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Slow-Moving Vehicle emblems can be washed with warm water and a mild household detergent. Faded centers should be replaced The red reflective border usually lasts much longer than the center A damaged emblem should be replaced or resurfaced with new material if metal backing is sound, suggests the Extension Farm and Home Safety Committee of The Pennsylvania State University.

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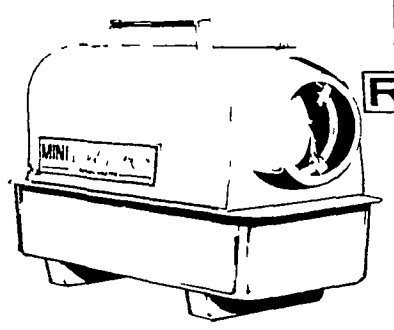

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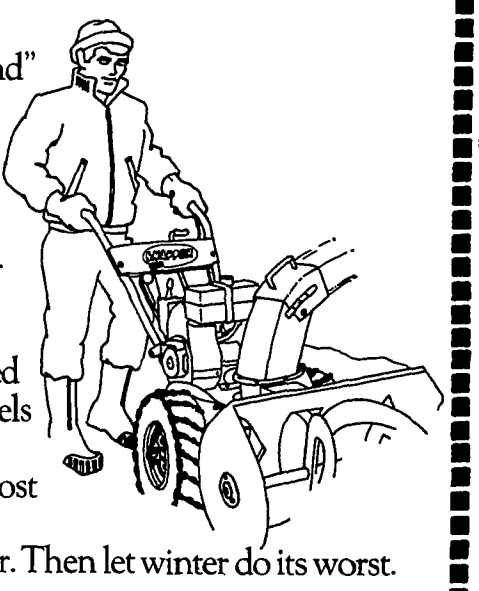

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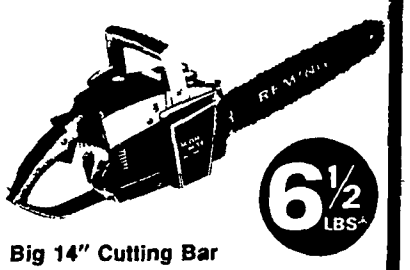

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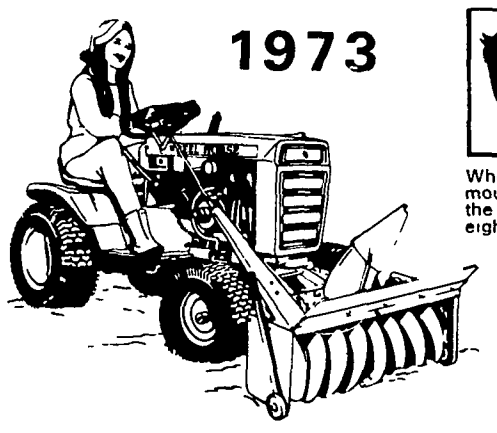
TOUGH BUT GENTLE
1973



When you gotta move a mound of snow you need the power to do it! Meet eight horses of power and the 32 snow thrower from Wheel Horse. The snow thrower will clear the driveway and sidewalk in no time—won't clog, won't quit Chews up ice and throws it where you point it The tractor is 8 horses tough But it's gentle where it counts — on you! Financing is easy with us Backed by 27 years of Wheel Horse experience

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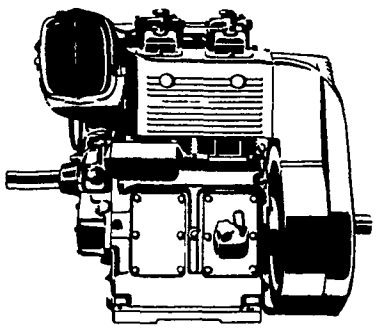
THERE'S A PETTER THAT'S BETTER
FOR YOUR APPLICATION:



Petter
1½ TO 45 H.P.
CONTINUOUS RATING

Merry Tiller
TILLERS

GEHMAN BROS.
SALES AND SERVICE

LAWN-BOY
OUTBOARD MARINE CORPORATION • SALESBURG ILLINOIS
MOWERS

1 Mile North of Terre Hill on Route 897
East Earl, R.D.1, Pa. Phone 215 445-6272

Kreider

(Continued From Page 1)

which includes $2 per hour for labor."

The Master Farmer and his herdsman, Melvin Brandt, milk the 133 cows in a modern milking parlor in about 2½ hours or about a cow a minute.

Cows receive corn silage and high moisture corn with a top-dressing of 36 percent protein supplement in the bunk. In addition, they are fed top quality alfalfa which tests 16 to 18 percent protein. Twenty percent alfalfa pellets are fed in the parlor.

Kreider started farming in 1953 following his marriage to the former Eleanor Hostetter. They formed a partnership with his parents, saved enough money to buy a herd in 1956 and the farm and an additional 30 acres in 1958.

The growth has been steady, if not spectacular, ever since. Herd size has tripled, acres doubled, and a new home constructed.

As an added efficiency dimension, dry cows are separated from the herd and not brought back until a couple of weeks before freshening. Heifers then get a preview of herd life and the milking parlor prior to calving.

"All bull calves end up at the bull feeding operation on a second farm," the Master Farmer points out. "The bulls are fed to 1,300 or 1,400 pounds and then sold."

There are no trade secrets on how Kreider produced corn at the rate of 160 bushels per acre or 33 tons of silage on some fields during one of the worst growing seasons on record. He uses full season corn varieties, fertilizes according to soil tests, controls weeds, and protects the land with such good practices as contour strips, a sod waterway, and rye cover.

"William Waltman, my crops man the past nine years, likes to plow the land in March. About 100 pounds of actual phosphorus, potassium, and liquid manure are applied the previous fall. The balance of the fertilizer is plowed down in the spring and a starter solution is applied at planting," the award winner said.

The young Lancaster Countian solves the chore of opening a corn field each fall by seeding two drill widths of wheat along the field. It saves soil as well as hand work.

"Using the Farm Business Analysis System, we have figured that crop value per total crop acre is $173.41 for alfalfa and corn," Kreider emphasizes.

Mrs. Kreider, Cynthia Sue, and Palela Kay, both daughters, assist with farm chores when needed. So does son Tom, 16, when high school sports don't interfere.

Along the way, the Master Farmer also has expanded participation in his church, community, and agricultural organizations.

He has served as president of the Lancaster County Farmers' Association, local of Inter-State Milk Producers Cooperative, and Solanco Fair Association. He was vice president of the Lancaster County Extension Association and director of the county Dairy Herd Improvement Association, Atlantic Breeders Cooperative, and Solanco Fair Association.

Kreider also is an Agway committeeman and a deacon of the Mechanic Grove Church of the Brethren.

There are now five Pennsylvania Master Farmers residing in the county, the most recent before Kreider being Noah W. Kreider in 1970. Other Master Farmers in the county are Amos Funk, Millersville R1; B. Snavely Garber, Willow Street R1, and Earl L Groff, Strasburg R1.

Only six Master Farmers were named for the entire state. Those from other areas include M. Everett Weiser, Adams County; George H. Wolf, York County; Ray E. McMillen, Perry County; Budd E. Ott, Northampton County, and Daniel C. Schrack, Clinton County.

Try A Classified Ad It Pays!

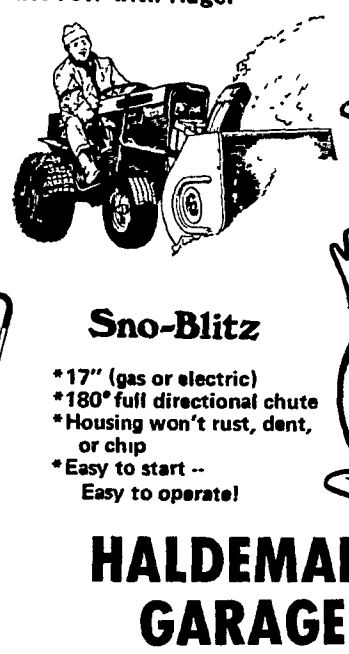
Beware, Snow!

HERE COMES THE Snow Chaser!

by JACOBSEN®

CHIEF TRACTOR with Auger

Rugged and powerful tractors tackle deep snow and packed drifts. Choice of 10, 12 or 14 H.P. models 36" or 38" Augers!



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*17" (gas or electric)
*180° full directional chute
*Housing won't rust, dent, or chip
*Easy to start -- Easy to operate!

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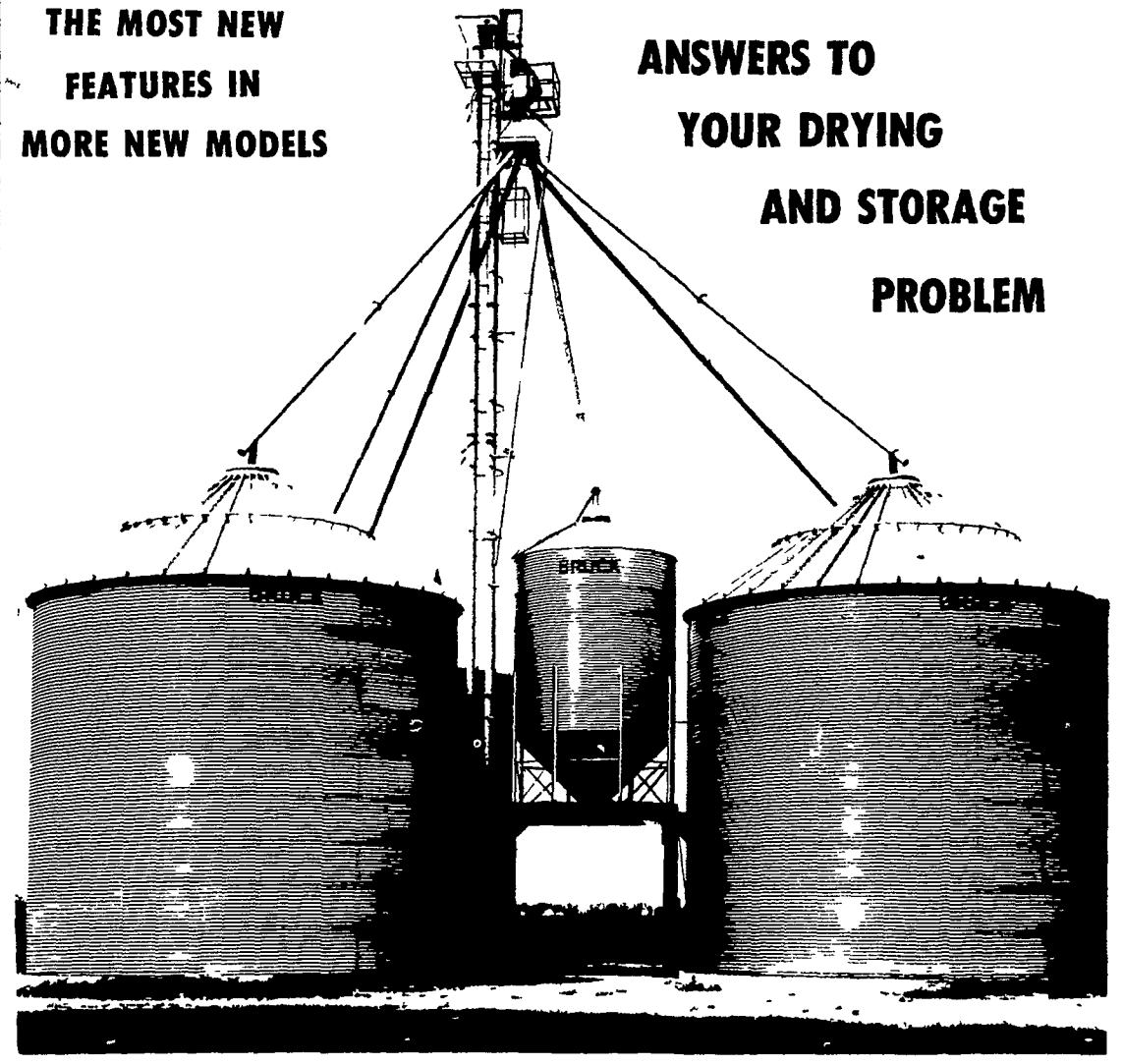

130 MODELS
12 TO 48 FOOT DIAMETER BINS
CAPACITY FROM 1700 TO 75,000 BUSHELS

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E. M. HERR EQUIPMENT, INC.

R. D. 1, Willow Street 717-464-3321

In 1973 let Red Rose Feeds *help you to better farm profit!*

Yes, Red Rose Programmed Feeds take the guesswork out of feeding — and put in profit.

Red Rose Programmed Feeds are complete for feeding your dairy and beef animals, swine, horses and poultry. Each Red Pose program is geared to show what nutrients are required, what nutrients are needed, and suggests the feed to use. Here's what we mean.

Our system of feeding dairy or beef animals is based on the roughage available for use. Feed is fitted to the forage for balance. In feeding horses the program selects the proper feed to meet individual needs of the horse. Programmed Hog shows you how to produce good, lean hogs going to market at 200 pounds. .in less than 160 days.

So, plan ahead and make 1973 the best year for profit on your farm. And, Red Rose Feeds can help you do it.

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Red Rose ANIMAL FEEDS

WALTER BINKLEY & SON Lititz

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BROWN & REA, INC. Atglen

MOUNTVILLE FEED SERVICE Mountville

ELVERSON SUPPLY CO. Elverson

MUSSER FARMS, INC. Columbia

HENRY E. GARBER Elizabethtown, Pa.

RED ROSE FARM SERVICE, INC. N. Church St., Quarryville

E. MUSSER HEISEY & SON R.D. 2, Mt. Joy, Pa.

CHAS. E. SAUDER & SONS Terre Hill

HEISTAND BROS. Elizabethtown

SHELLY BROTHERS RD 2, Manheim, Pa.

DAVID B. HURST Bowmansville

E. P. SPOTTS, INC. Honey Brook

MARTIN'S FEED MILL Ephrata, Pa.

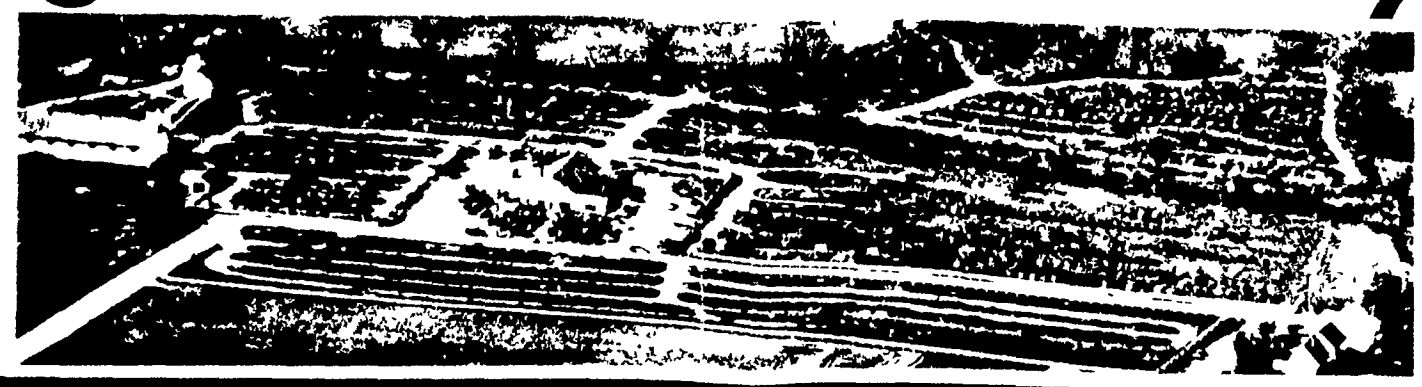
H. M. STAUFFER & SONS, INC. Witmer

200 TRACTORS

PUBLIC AUCTION OF FARM AND INDUSTRIAL EQUIPMENT

Wenger's Farm Machinery, Inc.

700 IMPLEMENTS



Auctioneers' Note:

Good clean farm machinery is becoming scarce and hard to find. Mr. Wenger has perhaps the best and largest inventory of late model farm equipment to be sold at auction this year belonging to one company. Be sure to attend this auction.

MONDAY JANUARY 29th 1973

Sale Time — 9:00 A.M. Sharp
— Make Plans Now To Attend —

Location South Race Street Myerstown Pennsylvania — 6 miles East of Lebanon, Pa on State Road No 422 which is located 20 miles West of Reading Pa and 30 miles East of Harrisburg Pa NOTE Commercial air travel into Harrisburg Pa Private planes may land on asphalt air strip at County Airport in Myerstown, Pa near the sale site Overnight accomodations may be arranged by calling (717) 866-2138

Order Of Sale

9 00 A M — Auction will start on smaller new and used items
10 00 A M — Selling Farm Equipment and Combines
3 00 P M — Tractor auction will start

Home Of "1971" Regional F.F.A. Star Agribusinessman

CONSTRUCTION, TRACTORS, COMBINES, TRUCKS, AUTOMOBILES, USED EQUIPMENT, NEW EQUIPMENT

Tractors

A C D12
(3) Farmall 450 (Diesel and gas)
(2) J.D. 2010 gas (One has loader)
Oliver 550 gas with loader
(2) Farmall 200 F.H.
J.D. 1010 gas
Farmall 400 gas
A.C. WD45 gas
Farmall 350 Diesel
Oliver 55 gas
(3) Farmall 140 (some with cult)
(2) J.D. 730 Diesel
(2) Farmall H
J D 820 Diesel
Farmall 130 with mower
(3) J D. 720 Diesel
(5) Farmall M, Super M, MTA
(3) J.D. G
Int. WD9
J.D. B
Farmall BN
A.C. WD45 Diesel
J.D. 70 Gas
(2) Farmall cubs
J.D. 520
A.C. G with plow and cult.
J.D. 630
J.D. 730 gas
(5) Oliver 1655 Diesels
M.F. 1130 Diesel
M.F. 1100 Diesel
Farmall 1206 Diesel
Farmall 756 Diesel
Farmall 444 Gas
A.C. 170 Gas
A.C. 170 Diesel
J.D. 3020 Gas
A.C. 190XT Diesel

Cornheads

Case 2 row 40"

Tractors

Farmall 4156 with cab
J.D. 5020 Diesel
(4) A.C. D19 Diesels (Some with 3 point)
Oliver 1950 T Diesel
Case 1200 (Cab)
Ford 5000 (Cab) (New)
M.F. 180 Diesel
M.M. G706 Diesel (Cab) 4 wheel drive
Farmall 856 Diesel
J.D. 4520 Diesel
A.C. D17 Diesel series IV 3 Point
(4) Oliver 1855 Diesels
Case 930 CK Diesel
Ford 800 with industrial loader
M.F. 175 Diesel
(3) David Brown 1200 Diesel
(2) Farmall 806 Diesel (Cab)
(4) J.D. 4020 Diesels
A.C. D17 gas series IV 3 Point
(2) Oliver 1850 Diesel
(3) Case 930 Diesel standards
Ford 600 with industrial loader
M.F. 165 Gas
M.M. G1000 Diesel
(2) J.D. 4010 Diesel
A C. D17 Gas
Oliver 1650 Diesel
Case 530 Gas
(3) Ford 600 Series
M.F. 65 Gas

Balers

Mc 47 (P.T.O. thrower)
N.H. 68 (P.T.O. thrower)
N.H. 66
Mc 46
A.C. 303
A.C. 303 (P.T.O. thrower)
J D. 24T (ejector)
(2) Mc 47
N.H. 271 (P.T.O. thrower)

Tractors

(2) David Brown 990 Diesel
Farmall 706 Gas
J.D. 3020 Diesel
A.C. D17 Diesel
Oliver 1550 Diesel
Case 530 Diesel
Ford 541 with cultivator
M.H. 44 with V8 motor
M.M U Gas
(2) International 606 Diesel
J.D. 2520 Diesel with loader
A.C. D15 gas
Oliver 1600 Gas
Case 400 Diesel
Ford 8N
M.H. pony with plow and snow plow
International 656 Diesel (New)
J D. 2510 Gas
Farmall 656 Diesel (Hydro)
J.D 2020 Diesel
International 544 Gas
Ford 9N
(2) Farmall 504 Gas
A.C. D14
(2) Farmall 560 (gas and diesel)
(2) Oliver 880 (gas and diesel)
(3) Int. and Farmall 460 gas
J.D. 3010 gas
Int. 504 diesel

Blowers

A.C. hopper P.T O.
N.H. table P.T.O.
Dion hopper P T.O
Gehl table P.T.O.
Kools hopper P.T.O.
Mc hopper P.T.O.
Supreme hopper P.T.O. (new)
Dowden suction blower

Spreaders

Backhoes

(3) Case 530CK Backhoe & loader
Case 210 Backhoe & loader
J.D. 1010 Backhoe & loader
Case 320 Backhoe & loader
Int. 350 Backhoe & loader
M.F. 302 Backhoe & loader
Int. 3444 Backhoe & loader
Ford 3400 Backhoe & loader
Fordson Major Backhoe & loader
Plus many more
By sale day

Misc.

Post hole diggers
3 pt. blades
1500 bushel corn cribs
loader for TD6 Crawler
(3) All Terrain Vehicles
loader for J D. 440 crawler
(2) Diesel ROAD GRADERS
(2) TRENCHERS
(3) Schramm air compressors
J.D. 840 self-loading pan
(2) A C. dozer blades
loader buckets
backhoe buckets
Michigan 175 payloader (cab)
A.C. TL10 payloader
Hough payloader
Plus thousands of items
not listed

Harvesters

N.H. 717 2 row 9 knives
N.H. 616 1 row
N.H 818 2 row
Mc 50 Pickup attach
(3) Fox pickup attach
J.D. 34 pickup attach

Feed Mills

Gehl #50
(2) Mc #1050
(2) Helix (New)
M F (New)
Farmhand
J.D
Peco
Plus many more arriving daily

Fork Lifts

Case 580
Int. 5614
Ford 600
3 pt forklift attach.
set of forks
plus more

Crawlers

(2) Cat D4 dozer
Case 310 dozer
Cat 933F loader
J D 450 dozer
J D 450 loader
(2) Case 310 loader
Int TD6 dozer
Int. TD9 dozer
Cat 941 loader
Cat 955K loader
(3) A C. HD6G loader
Case 750 loader
J.D. 440 loader
Int TD6 crawler
J D. 350 loader
Int T340 loader
Cat 955 H. Pedal Steer
Plus lots more
By sale day

Garden Tractors

M F. 12 H.P. hydro with mower
A C. 10 H.P. with mower
A.C. 6 H.P. with mower (New)
plus lots more

Corn Pickers

A.C 170 2 row mtd.
A.C. 190 2 row mtd.
Wood Brother 1 row pull type
J.D. 227 2 row mtd.
(2) J.D. 237 2 row mtd.
(4) Mc 2MH 2 row mtd.
Mc 234 2 row mtd.
N.I. #7 1 row pull
(2) N.I. #10 1 row pull
(2) N.I. 310 1 row pull
N.I 2 row 30" pull type
N.I 2 row 30" pull ype sheller
(3) N.I. 2 row 40" pull type 12 roll bed
(3) N.I. 2 row 40" pull type 8 roll bed
(3) N I 2 row mtd. 12 roll bed
(3) N I. 2 row mtd. 8 roll bed
N.I. 2 row mtd. trail bed
(3) N.I. 2 row mtd. sheller attachment
N.I. 2 row pull sheller attachment
Oliver 74 2 row mtd. sheller
(2) Oliver 73 2 row 40" pull type
(3) M.M. 2 row 40" pull type (12 roll bed)
(2) N.I. Unisystem huskers

Trucks & Cars

1961 Ford Rollback
1965 Chevy 1 ½ ton Flatbed
1968 G M.C 1 ½ ton with Hobart Welder
1969 Ford 1 ½ ton with cement mixer
1961 Chevy van
1961 G M C truck tractor

Cornheads

Case 2 row 40"
Case 3 row 30"
Mc 227 (2 row 40")
J.D. 334 (3 row 40")
J.D. 205 (2 row 40")
J.D. 210 (2 row 40")
A.C. 240 (2 row 40")
some 4 row heads
plus more

Cultivators

J.D. 6 row
J.D. 40 1 row
(4) J.D. 4 row 3 pt.
(5) Mc C 2 row
Mc 2 row 3 pt. (new)
(6) Mc 4 row
Mc 4 row 3 pt.
Oliver 4 row
Plus 30 more to choose from
A.C. 4 row snap coupler
A.C. D15 2 row
A.C. D12 2 row
(3) M.F. 65 2 row
M.F. 4 row
A.C. 4 row
(10) Ford 2 row 3 pt.

Plows

(6) disc plows
(2) A.C. B 1X
(2) A.C. 4X
(2) A.C. 5X
A.C. 7X
(4) Ford 2X
(4) Ford 3X
(4) Ford 4X
M.F. 5X
(11) J.D. 3X
(5) J.D. 4X
(8) J.D. 5X
(2) J.D. 6X (one new)
(8) Oliver 2X
Oliver 3X
(4) Oliver 4X (2 new resets)
Oliver 5X
(7) Mc 1X
(2) Mc 2X
(3) Mc 3X
(6) Mc 4X
Mc 5X
Mc 6X
(2) MM 4X
Plus many, many more

Culti-Packers

(10) new and used (all lengths)

—PERSONAL MESSAGE—

"During the past 21 years we have had the pleasure of a steady growth of volume in the machinery business, thanks to our many customers over a 15-state area. We now have accumulated the finest spread of late model used farm machinery available to the public anywhere. As the spring work is growing near we feel this auction can fulfill your need of equipment. This is our personal invitation to you to attend our auction."

Sincerely,
Carl Wenger, President

A.C. 303 (P.T.O. thrower)
J D. 24T (ejector)
(2) Mc 47
N.H. 271 (P.T.O. thrower)
plus more, like separate bale throwers

Drills

(2) late style J.D.
M.F. (New)
(2) Mc
A.C.
Plus many more
(3) N.I P.T.O. lime spreader
(10) more lime drills

Wagons

(3) Lamco self-unloading
(2) Grove self-unloading
(3) N.H. self-unloading
Gehl self-unloading
Plus more to come

Hay Crushers

(5) N.I. hay crushers
(4) A.C. hay crushers
(2) Mc hay crushers
plus more

4-Wheel Skid Loaders

(3) Case 1537 uniloaders (demo)
(3) Case 1530 uniloaders (demo)
(2) Melroe 600 bobcats
Melroe 444 bobcat
Plus many more

Mower - Wind Rowers

(3) N.I. cut ditioners
N.I. mow ditioner (New)
(5) Owattona 9' (new and used)
Owattona 7' (new)
N.H. 460 9'
J.D. 480 9' (New)
Owattona self propelled
Plus more

Loaders

(15) to choose from

Dowden suction blower

Spreaders

(3) N.I. Spreaders
(3) J.D. Spreaders
(4) Starline Spreaders
Plus many more

Rakes

All kinds to choose from

N.H 818 2 row
Mc 50 Pickup attach
(3) Fox pickup attach
J.D. 34 pickup attach
Mc 16 pickup attach
Mc 350 1 row
(2) Mc 50 1 row
Gehl S.P. 2 and 3 row head
(4) Fox 1 and 2 row
A C. 780 2 row
Case 300 2 row
Plus many more to come

PUBLIC NOTICE: DAILY WE ARE SELLING AND BUYING LIKE CRAZY. Some of these items will not be here sale day, but by the same token there will be hundreds of items coming in between now and sale day that are not listed. There are no consignments whatsoever. This machinery all belongs to Wengers'. We will be open for inspection of tractors and crawlers January 22 to 27, and until 10 A.M. sale day. All tractors will be running and you can inspect them thoroughly on these days. To save time, tractors will be sold in our normal tractor display area. There will not be running of tractors after 10:00 A.M. sale day. Plan to come early and stay late. This will be the sale of sales. If you have questions, please call me. This is the day you can buy at your prices.

Sincerely,
LLOYD J. WENGER, Sales Manager
Phone 717-866-2138 Nights-717-933-8692

Combines Combines Combines

Int 315, 10' grain head, 227 corn head, cab
M F. 510, 13' grain head, 4 row 40" corn head, cab, diesel
A.C. Gleaner E, 10' grain head, 2 row 40" corn head
J D 45 squareback, hi-lo, 10' grain head, cab
Mc 203, 10' grain head, 227 corn head, cab
M F 510, 4 row 40" corn head, cab, diesel
Oliver 525, 13' platform
Case 700 combine, 12' platform, cab
A.C. Gleaner E, 3 row 30" cornhead, cab
N. I 702 Uni system, cab, diesel, combine, 13' platform
husking unit, 2 row picker head, harvester, 2 row harvester head
Oliver 525, 11' platform
J.D. 45, squareback, hi-lo, 10' platform
Int. 315, 12' platform, cab
M F. 300, 12' platform, cab
Mc 105, 10' platform
A.C Gleaner C II, 13' platform, 4 row 40" corn head
Mc 203 combine, 12' platform
J.D. 40, 10' platform, 205 corn head
(2) M F 72, 10' platform, cab, cornhead
Mc 80 pull type
(3) J D 30 pull type
M F 72 pull type
M H. 60 pull type
(3) N. I 701 and 702 uni-systems, (all attachments will be sold separately and we do have all attachments)
More to come by sale day

Cat 955 H. Pedal Steer
Plus lots more
By sale day

Shellers

J.D. 71 (P.T.O.)
J.D. (Huge)
(2) M.M. (DP.T.O.)
M.M. 1210
Plus more

Mowers

(3) A C 82S (new) sickle bar
(2) A C. B sickle bar
Farmall cub sicle bar
(2) Mc 100 sickle bar
N.I. pull type sickle bar 9'
(3) J D #9 sickle bar
J D big 4 sickle bar
(4) J D #5 sickle bar
(5) N H 450 sickle bar
(3) Mott flail (cub)
(25) new 4', 5', 6' Rotary
Woods 10' rotary
Sunmaster flail
Plus many more

Flail Choppers

N. H. 36 Flail Chopper
N. H. 226 (New) fits baler
BRADY 606 TC (new)
(3) Brady haymaster
Case
(3) N H 33
Mc
(2) J D 16A
Int 5
plus more

1968 G M.C 1 ½ ton with Hobart Welder
1969 Ford 1 ½ ton with cement mixer
1961 Chevy van
1961 G.M.C. truck tractor
1935 Hillman Minx
1969 Chevy Caprice
12' truck bed with sides (new)
1960 Chevy dump
1970 Int. Transtar sleeper cab
1969 Int. Transtar sleeper cab
Reo 10 wheeler dump
Plus more

Cultimulchers

(10) to choose from like J.D., Brillion, Chattanooga, Int., Dunham, etc.

Discs

(20) International
(25) John Deere
offset, transport
lots of all kinds from 6' to 16' wide

Planters

A.C. 12 row no till
(6) Int. 4 row
(4) Int. 2 row
J.D. 8 row
J.D 6 row
(7) J.D. 4 row
(3) J.D. 2 row
MF 4 row
MF 6 row
Case 4 row no till
Oliver 4 row
M F. 2 row
Plus many more

Since Wenger's are full of bologna, we decided to hand out the original Lebanon Bologna all day long at regular intervals.

—ATTENTION—
Visit Wenger's used tractor and machinery parts display. Largest selection of used late model parts in the Eastern U.S.

WENGER'S FARM MACHINERY, INC.

South Race Street,
Myerstown, Pennsylvania

REMEMBER
Quality farm machinery comes from Myerstown!

Terms: Full payment when machinery is moved. pay 20% down sale day and the balance when you remove your purchases from the lot. Final removal date and balance due date on or before Feb. 10, 1973. Trucking is available at the customary rate.

Register for Buyers Number when you get to the auction.

Cousins with dry goods
Warm lunch served by the Myerstown, Pa. Brethren Church

Phone 717-866-2138

For Information Call Sale Manager — Lloyd J. Wenger
Myerstown, Pa.
Phone 717-866-2138
717-933-8692

Some items change due to daily business.

Auctioneers — Jim Vaughn, Stilesville, Ind.; Ralph Horst, Marion, Pa.; Blaine Rentzel, York, Pa.; Roland Roberts, Stilesville, Ind.; John Godley, Charlotte, N.C.; Dean Kruse, Auburn, Ind.; Bruce Sampson, Piqua, Ohio; Harry Anderson, Georgetown, Pa.; Curt Howard, London, Ohio

Tax Solutions

(Continued From Page 1)

why the PFA was organized, to keep farmers up-to-date on legislation that affects them directly."

Heim then stated that important as the PFA legislative program is, he expects marketing activities to become even more important in years to come. "Already," he said, "some PFA members are marketing farm products, mostly fruit, through the association. It's something that we'll see more and more of, because the time is coming when farmers will have to market their own products."

In an informal session after the meeting, Heim talked some more about farm taxes. He said a proposed amendment to the state constitution that would allow farmland to be taxed according to its use could be placed before the voters in the May primary.

Farmers must often pay real estate taxes based on the potential value of their land, rather than its present agricultural use.

Some ex-farmers admit that rising property taxes were decisive in forcing them "off the farm" and agricultural leaders fear a mass exodus from the farm unless the tax situation is brought under control.

The bill was introduced in the state House of Representatives Wednesday where it had two dozen sponsors. An identical bill was passed by the General Assembly in 1971. However, proposed constitutional amendments require passage by two consecutive legislatures before they can be presented to the public in a referendum.

If the amendment is approved by both legislators and voters, additional legislation will then be needed to implement the tax changes, according to Heim.

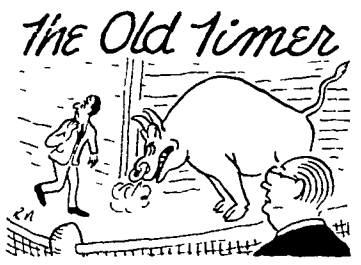
Heim, said legislation that allows land to be assessed on the basis of its use must include a "roll-back" clause.

This means that whenever farmland use changes, taxes based on the new use will be collected for a specified number of preceding years, Heim said.

If a farm is sold for industrial development, back taxes, based on the new and higher rate, could be collected for a period of possibly three or five years, he explained.

This would serve to discourage speculators, Heim said, from buying up farmland indiscriminately.

Heim said the Pennsylvania Farmers' Assn. is urging passage of legislation that will keep the tax base at a rate low enough so "we can afford to farm."



"The man who looks backward with worry is likely to bump into trouble ahead."

"Mulligan Stew" Theme Of 4-H TV Program

Students in grades four, five and six will again have the opportunity to participate in the 4-H TV Club over WGAL-TV 8, Lancaster. Title of this years presentation will be "Mulligan Stew", which will be a nutrition club.

The six one-half hour programs start on Saturday, January 27, and conclude on March 3. The time is 12 to 12:30 p.m.

It is possible to have students enrolled as a group by completing a Group Enrollment Form or sending a similar listing of names and addresses and returning to: 4-TV Series, 405 Agricultural Administration Building, University Park, Pa. 16802.

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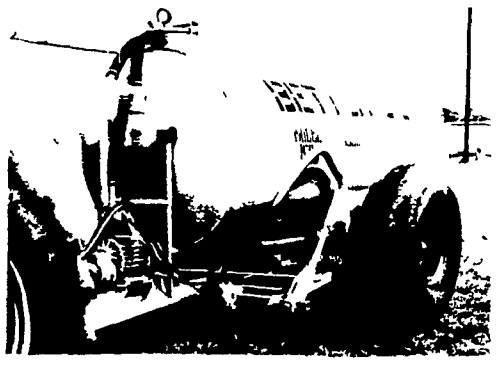
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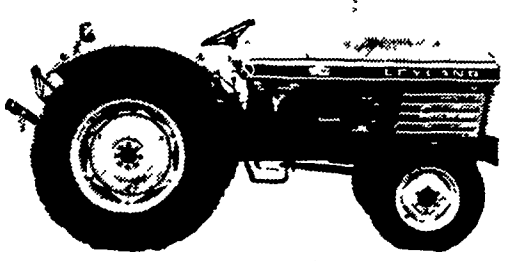
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Survey of Consumer Buying and Home Improvement Being Taken

Families and households in this area will be included in a nationwide survey of buying plans and home repairs to be taken the first two weeks of January by the Bureau of the Census, according to John G. Gibson, Director of the Bureau's Data Collection Center in Philadelphia.

Bureau interviewers will ask householders about any plans to buy a house, a car, or major household appliances during the next year. Questions about home repairs and alterations will concern those made during the past three months.

The Bureau conducts the survey every three months to serve as a guide to economic growth. A mathematically selected group of households throughout the Nation serves as a measure of what U.S. families expect to buy in the near future.

For example, the October survey indicated that consumer plans to buy both new cars and houses were higher than they were in the July survey, as were expectations to buy major appliances, furniture, and carpets. Households included in the survey are not identified. The information is confidential, and is used only for statistical pusposes.

Star-Studded List

The first list of stars that has been preserved and in which each star was given its name and brightness was made by Ptolemy of Alexandria, Egypt, about 2,000 years ago. The list consisted of approximately 1,000 stars.

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Penn-Mar Shropshire Club To Install Johnston as Pres.

Sales of registered Shropshire sheep for breeding purposes in Pennsylvania and Maryland have almost doubled during the past year according to L.G. Johnston, newly elected president of the Penn-Mar Shropshire Breeders' Club. Johnston, from Stewartstown, will take office when the Shropshire Breeders convene during the Pennsylvania Farm Show on January 8th.

Johnston says that figures recently released by the American Shropshire Association indicate that there were 137 Shropshire ewes and rams sold for breeding purposes in the two state area. That is an increase of 98.6 percent over the total of 69 sold the previous year. The renewed interest in the wool market could be a contributing factor in the increasing sales of Shropshires because the breed shears more wool of a better grade than other medium wool breeds. At the same time Shropshires produce highly desirable carcasses for the meat trade.

For the past two years Johnston has chaired the Penn-Mar Shropshire Club's Bred Ewe Sale. He was able to persuade some of the midwest's top breeders to bring new bloodlines into this area. Average price of ewes sold at the Club's first bred ewe sale held in 1971 under Johnston's guidance was $92 In 1972 the average price paid rose to $115.

Other club members who will take office on January 8th are: Harold Harpster, Boalsburg, re-elected for another term as vice-president, Mrs Warn Menhennett, Cochranville, again serving as secretary, and Mrs. L.G Johnston, Stewartstown, assuming the job of treasurer for a first term.

The Shropshire Club meeting will be held in Room C of the Farm Show Building in Harrisburg at 3 p m January 8th All who are interested in Shropshire sheep are welcome to attend

Cheese Storage Tips

Extension consumer specialists at The Pennsylvania State University remind you to store cheese with an aromatic or strong odor in a tightly covered jar or container Such cheeses are fast curing and best when used within a reasonable time after you buy them.

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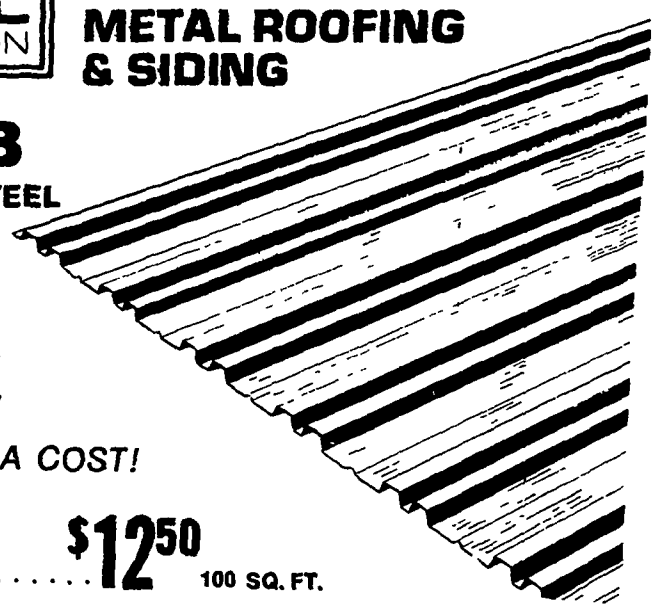

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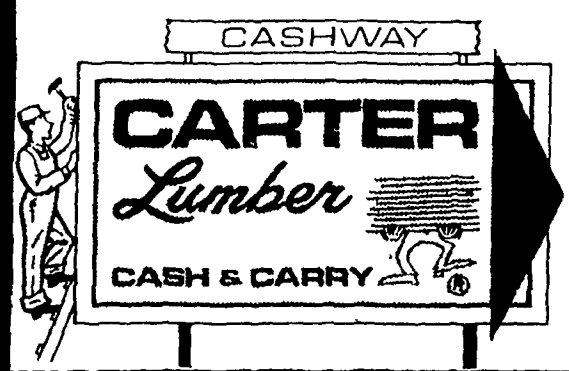
12'	$3.87	16'	$7.81	16'	$11.62
14'	$4.52	18'	$9.04	18'	$13.55
16'	$5.27	20'	$10.28	20'	$15.42
				22'	$17.29
				24'	$19.15



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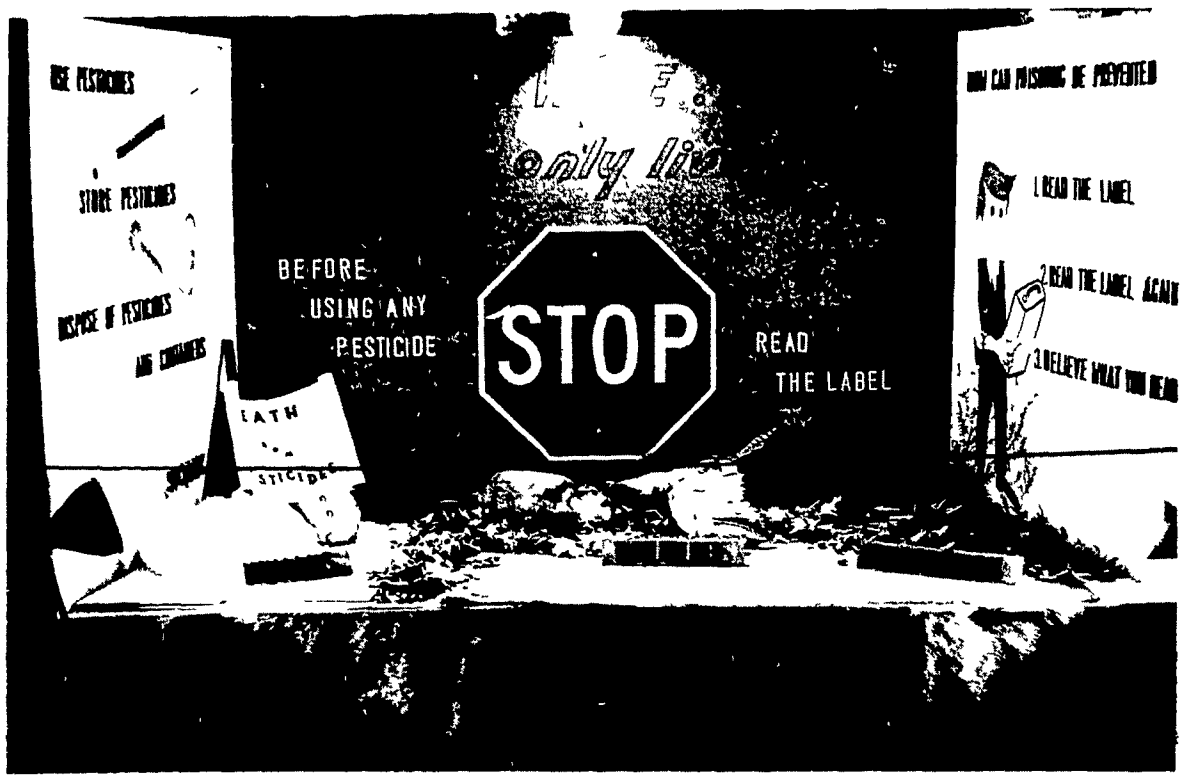
County Window Exhibits at Farm Show



Two Lancaster County FFA Chapters will have educational window exhibits displayed at the Farm Show this week. Manor FFA Chapter will compete with other school exhibits using the display which previously won them first place at the Manheim Farm Show depicting the safe use of pesticides. Manheim FFA will have its exhibit entered in the Safety exhibits category. Their exhibit stressed safety of farm equipment useage.

Wylie 4-H Angus Wins at Southeast District Show

Ed Wylie, Nottingham, captured grand champion honors at the Southeast District 4-H Beef Show held recently at the Lancaster Stockyards with his 1,030 pound Angus steer There were 109 animals exhibited by 4-H members from Lancaster, Dauphin and Chester Counties

Robert Frame Jr , Exton, and David Wylie, Nottingham, exhibited the reserve champion Crossbred and Angus steer for the show respectively Other top winners from Chester County were David Anderson, Pocopson, first, lightweight Angus steer; Barbara Bartram, West Chester, first, mediumweight Angus steer, and Barbara Sickler, West Chester, first, heavyweight Angus steer

In the showmanship contest David Wylie was named grand champion Showman Dave was also the champion Angus showman Other Chester County 4-H members placing in the showmanship contest were Darrel and Howard Stoltzfus, Glen Moore, and Cheryl Wojtowicz, Downingtown

Following the show the steers averaging 1023 pounds were sold for an average price of 42 cents a pound The following firms purchased Chester County steers· Lewis Lyons and Son, grand champion for 81 cents, McCoy Cattle Co., Dick Thomas Drive In Restaurant, Townhouse Restaurant, Eagle Grain and Supply Co , Ira Nissley Feed Co , Kertz Agway: Baum's Meat Market, Whitford Sales Co.; Black Angus Inn; Vernisha; Downingtown National Bank; Dutch Wonderland; Jones of West Chester and First National Bank of Honey Brook.

Farm Machinery Rusts Rapidly When Left Out

Extension agricultural engineers at The Pennsylvania State University remind farmers that farm machines rust rapidly when neglected It is a good practice to treat all equipment with a rust preventive frictioning parts when the machines are not in use

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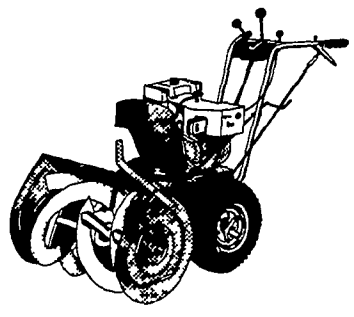
Buy any new John Deere Snowmobile or Snow Blower now with a small down payment. There'll be *no* installment payments to make, *no* finance charges until March 1, 1973

Get in a lot of great, peak-season use before your installments begin. This special offer also applies to John Deere Snowmobile Fashions or accessories purchased with your snowmobile or snow blower. Buy either. Or buy both. But buy now.



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Grassland Chapter has New Sweetheart

Ann Williams was elected the new Grassland FFA Chapter Sweetheart last week, replacing Rosey Gehman who was the 1971-72 Sweetheart. Other candidates were Ester Sauder and Pat Stubbs.

Initiation for the Chapter Farmers was also held. The Chapter Farmer Degree is the highest degree that can be awarded by a local Chapter. To attain the degree, a minimum of $50 must be earned or invested in projects, and the candidate must be able to lead a group discussion for at least 15 minutes.

Those receiving Chapter Farmer Degrees were: Clair Martin, Lloyd Hoover, Donald Weiler, Keith Feister, Arthur L. Horst, Bob Steward, Tom Martin, Scott Steffy.

David Smeltz, Brian Musser, David Wise, Paul Witwer, Merion Martin, James Brenneman, Carl Bair, Jerry Long, Nelson Messner, Larry Weber, Glenn Hursh, Robin Fritz, and Don Weaver.

Nelson Martin, State FFA president, also attended the meeting.

Grassland FFA Chapter elected a new Chapter Sweetheart last week. The new Sweetheart is Ann Williams, left, who replaces last years Sweetheart Rosey Gehman, right. Nelson Martin, center, State FFA president, also attended the meeting. They are flanked by some of the recipients of the Chapter Farmer degree.

Salvation Army

The Salvation Army was founded under the name of the Christian Mission. In 1878, the name was changed to Salvation Army and it adopted its military pattern with uniforms, official rank, etc.

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WEAVERLINE ELECTRIC FEED CART

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High moisture corn and other Feeds.

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Preventing Accidents With Kitchen Knives

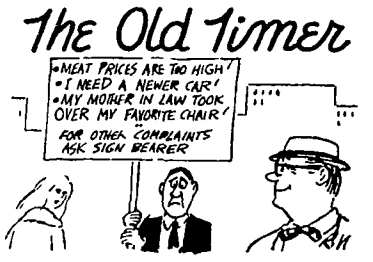
Nearly everyone has been nicked by a knife at one time or another, sometimes seriously. A study sponsored by the National Safety Council reported that there are four general causes for knife injuries in the home: wrong use of a knife, or using the wrong knife for a certain task; slips; storage and handling; and sharpening, including testing the sharpness of the blade with a finger.

It's common practice to use the handy kitchen knife for any odd job - screwdriver, prying tool, can opener and punch. For safety's sake, Extension home management specialists at The Pennsylvania State University, remind you to keep these tools handy in the kitchen and reserve the knife for cutting only.

The sharper the knife, the less likely it is to slip. A dull knife needs extra pressure, and the blade can move suddenly and unexpectedly.

Many homemakers have been cut by knives hidden in the dishwasher or a jumbled drawer. Always wash and dry knives separately. If you know where the knife is, it won't surprise you with a cut. Knife holders either on the wall or in the drawer, will prevent injuries and keep knives sharp. A wooden cutting board also preserves a blade's sharpness, point out the Extension specialists.

Keep a knife sharp, keep it guarded from accidental contact, keep your wits about you when you use it; that's the knack that will keep you from being nicked.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•I NEED A NEWER CAR!
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FOR OTHER COMPLAINTS ASK SIGN BEARER

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DOOR PRIZE

ENTERTAINMENT 7:30 P.M.
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Urea Feeds Suggested As Protein Conserver

Farmers not currently using either liquid or dry feeds containing urea should consider switching to such feeds in order to combat extremely high prices for soybean and other proteins, Lewellyn S. Mix, vice president-farm merchandising of Agway Inc., has advised.

In a letter to dairymen, Mix suggested alternatives as means of coping with reduced supplies and high prices.

"The December differential between a 16 percent protein dairy ration containing urea and one not containing urea was over $12 per ton," he stated, adding that the differential was $19 for 20 percent protein, and $45 for 32 percent protein.

For farms in areas where liquid protein supplement is available, Mix recommended meeting part of protein needs with liquid supplement fed free choice on top of poor quality hay or silage.

Mix described some of the savings that could be realized by feeding urea rations. "Saving in a 50-cow herd when cow is fed 15 pounds of 20 percent protein ration containing urea amounts to $7.13 per day or 31 cents per hundredweight of milk produced—a savings potential of $2,600 per year," he pointed out.

Dairy cows fed well-balanced rations can safely and effectively use one-half pound of urea per day, he said, continuing, "If self-fed, balanced, total mixed rations are used or liquid protein supplement is offered free choice, cows can use three-fourths of a pound of urea per day."

He cautioned against simultaneously feeding silage treated with urea, liquid protein supplement, and grain rations containing urea. Changeover to urea feeds should be made gradually over a two-week period, he said.

Mix cited research data on thousands of cows indicating that urea properly used in balanced rations has no adverse effect on milk production or breeding efficiency. Michigan DHIA records over five years show no difference between urea and non-urea-fed herds in regard to calving intervals, sterility, or level of production.

"About two-thirds of Agway dairy feed users consider feeds containing urea a better buy," Mix noted. "A sample of 297 Agway-fed herds producing 16,000 pounds of milk and-or 550 pounds of butterfat showed that over 69 percent were fed rations containing urea."

"Your use of urea-containing feeds would help conserve tight protein supplies and help control high protein prices," Mix stated.

Oil Firms Boosting Environmental Funds

Petroleum companies are spending an average of some $3.3 million a day to protect the U.S. environment, according to preliminary results of an American Petroleum Institute survey.

The survey indicates that estimated environmental expenditures during the past year totaled $1.2 billion, of which more than $1 billion was spent on air and water conservation. The rest of the money went for land restoration, solid waste disposal and noise control.

This year's estimated spending on air and water conservation is four times as great as in 1966, the first year for which figures were gathered. The total for the seven-year period is expected to reach $4.5 billion.

* * *

Singing Fish

The sapo, which lives under stones near the shore, is often called the singing fish on account of a peculiar humming noise that is made by its air bladder.

* * *

See You At The Farm Show

Farm Show Specials

Jan. 8-12, 1973

	Reg.	Sale Price
548-016 Fencing Pliers	$ 3.49	$ 1.99
6501-017 3" - 2 way Hydraulic Cylinder	$29.95	$19.99
23002-047 S.M.V.	$ 2.65	$ 1.66
13225 - 063 3 pt. Top Link	$10.50	$ 6.99
16325 - 089 Weather Watch	$ 1.39	$ .99
10865 - 017 Hydraulic Couplers	$ 6.00	$ 3.69
18079 - 132 Combine & Tractor Set	$ 5.88	$ 2.99
19000 - 141 Mastitis Tubes	$ .69	$ .59
19453 - 145 3 Ton Hyd. Jack	$16.95	$10.99
20061 - 155 Gloves	$ .49 pr.	$ 4.59 Doz.
18258 - 234 Windshield Washer	$ .88	$ .49
28205 - 311 Security Light	$33.95	$21.99

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Eligible machines include: automatic bale wagons, stack retrievers, balers, combines, mower-conditioners, precision-cut forage harvesters and self-propelled windrowers

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Alternative Use Facts Need of New Landowners

Incentive programs to promote better land management should recognize the landowner as the major decision maker, according to a recent study at The Pennsylvania State University. The survey was made among 80 individuals who had acquired land in Warren County during 1968 and 1969.

Public land management programs, the new owners suggested, should provide the landowner with adequate information on land-use alternatives. Such programs should also provide the owner with the means of deciding between conflicting uses, it was pointed out. Carrying out the study were B.J. Turner, C.H. Strauss, and L.J. Swandic of the School of Forest Resources at Penn State.

A profile of the study group showed an average age of 43 years and an average income of $14,000, with nearly half having attended college. Sixty per cent of the individuals live in Warren County, 10 per cent live elsewhere in the Commonwealth, and 25 per cent live outside the state. Only 15 per cent of the owners derived their total income from their land. Sixty per cent did not rely on their land as an income source.

Most of the survey group utilized their woodlands for several functions—with widlife habitat, hunting and fishing, and timber production being equally and most frequently mentioned. The second most important set of objectives involved aesthetics, maintenance of water flow, soil protection, and speculative investments. Two-thirds of these owners had carried out some low intensity timber management activity on their land—either as planting, thinning, or harvesting of trees.

Older owners with better asset positions and fewer time constraints were inclined to become actively engaged in land management programs, but were less flexible in their pattern of usages. Younger owners had less time and money to invest in these pursuits but did maintain a wider array of land use options. The intent to harvest woodlands in the future was expressed more by younger owners than older ones.

Nearly half of the owners expressed interest in expanding their land holdings. Smaller properties were treated as residence or recreation sites. Larger ownerships frequently displayed increased management efforts and the adoption of financial objectives, often allied with timber production. Overall the current land ownership pattern does not appear to be detrimental to existing or future flows of timber products.

Schweiker Proposal Aids Flood Victims

Disaster unemployment assistance (DUA) will be made available to some 800 self-employed Pennsylvania farmers and small businessmen hit by June floods as a result of efforts by U.S. Senator Richard S. Schweiker (R-Pa.).

Schweiker announced adoption by the U.S. Department of Labor of his suggestion that self-employed persons working to repair flood damage on their farms and business should be considered "unemployed" until they are back in operation. The ruling is retroactive to the June flood and covers self-employed persons who had previously been denied benefits because of procedural guidelines issued by the Labor Department

Schweiker said, "Although farmers and small businessmen repairing flood-damaged farms and businesses had no source of income until their repairs were completed, Labor Department rules still denied disaster unemployment assistance to them on the technical grounds that they nevertheless were working.

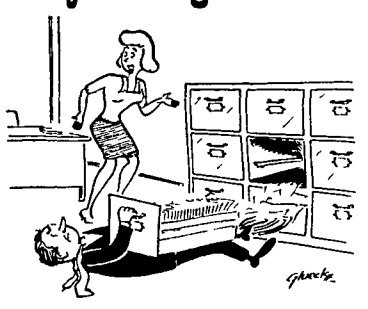
"This was clearly a discriminatory policy, resulting in hardship to hard-working farmers and small businessmen and their families. I am delighted that the Labor Department has adopted my proposal, and hope *this breakthrough has not come* too late," he said.

In July this year, Schweiker expressed concern about Labor Department interpretation of DUA regulations. He wrote the Department to express concern that "existing regulations will cause some farmers to leave the farming business entirely, since unemployment compensation is desperately needed now by many, and they may be forced to give up their farms to keep their families and themselves at a bare subsistance level"

In September, Sweiker wrote Secretary of Labor James D. Hodgson to complain that denial of DUA benefits to self-employed farmers and small businessmen was "a particularly harsh interpretation of your own regulations."

"I question whether a farmer is able to perform services in his business where his ability to carry on such a business has been rendered impossible because of a disaster In my view, a farmer cannot perform services in his business until he has regained the ability to carry on his business. He cannot do so until he has restored his farm to a condition in which he can generate income," Schweiker wrote Hodgson.

My Neighbors



"Well—apparently not all of them stick."

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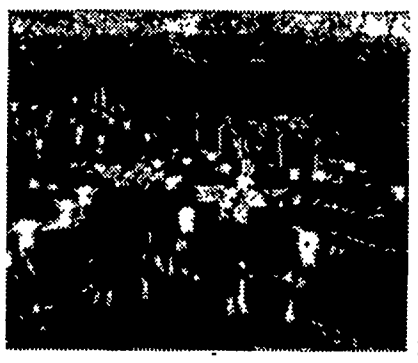

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ED ESHLEMAN'S WASHINGTON REPORT

Toward the end of the 92nd Congress there was a debate over enacting a Budget ceiling that would be controlled by the President. Out of that debate grew a real question about the ability of Congress to keep the Federal Budget under control.

As the 93rd Congress opens it looks as though that question may be answered with some solid proposals for changing the appropriations process and watching the spending process. The intent of these proposals is to put Congress back in the driver's seat when it comes to Federal money matters.

Senator Bill Brock of Tennessee has offered a five-point plan for reforming the budgetary process that makes a good deal of sense His proposals are aimed at getting some congressional control over Federal spending while at the same time constantly reviewing and changing our national priorities

First, he would create a Joint Committee on the Budget that would develop a legislative budget - as opposed to the executive budget that is now the only comprehensive spending proposal.

Second, Senator Brock would require five-year budget projections in every major category of Federal spending This would make Congree think in terms of the long-range cost of the programs being proposed.

Third, a re-evaluation of spending programs would be required every three years Such a review would help to weed out programs that have outlived their usefulness or those that have proved unworkable.

Fourth, there would be a requirement that every new major program be pilot tested for at least two years The testing process would give us an indication of how much cost is actually involved and, more importantly, whether the idea will work at all.

Fifth, Senator Brock would have all Federal money, including that in the trust funds, appropriated annually. Presently, many of the trust funds escape annual review yet add to the deficit and spending problems that have plagues the Budget.

Whether some or all of the Brock proposals get adopted will very much depend on the determination of the 93rd Congress to get a grip on Federal spending. At the very least, this five-point plan offers a starting place for some thinking in the right direction.

Along this same line, I plan to re-introduce my proposal to put all controllers in the Federal Government under the jurisdiction of Congress. The controller is the guy who makes daily decisions about how money is being spent by a particular government agency. While he is responsible to the agency, his determinations will favor it. But if he became a legislative employee, his determinations would reflect Congressional intent.

Therefore, Congress would gain a day-to-day insight and input into all government spending There would be a pre-audit of all spending and not just a post-audit. Pre-auditing would mean that spending would be looked at before it took place rather than after it had already been spent and possibly wasted.

Still other ideas for getting some legislative control of the Budget are almost certain to be put forward I, for one, will welcome all proposals because nothing has been done for far too long

Survey Says Industry Is Towns' No. 1 Need

The need for new industry is the most important problem facing small communities, according to a survey conducted by the American Bankers Association, Washington, D.C.

In the survey of 12,500 smaller banks (those with resources of less than $50 million) nearly 75 per cent of the respondents rated new industry as the number one community need. And 80 per cent of the bankers said they are involved in trying to foster new industry for their towns.

"For each 100 people employed by industries in our community, retail trade goes up $1.3 million, personal income goes up $2.9 million," says Thomas R. Smith, chairman of the ABA's Agricultural and Community Banker Division, and president of the First National Bank, Perry, Iowa. "It also means five new retail businesses," he said.

* * *

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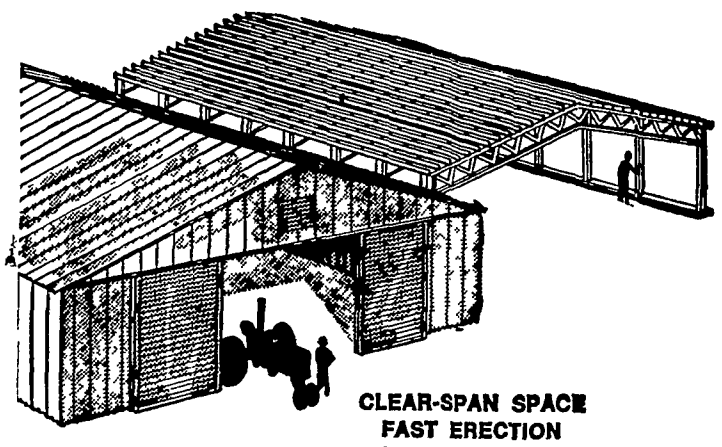

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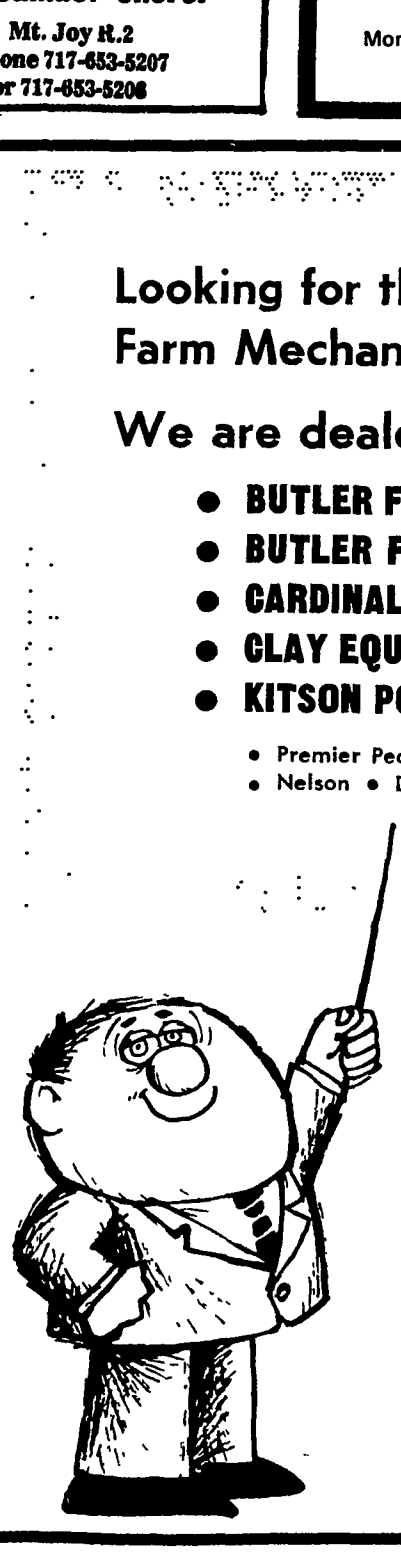

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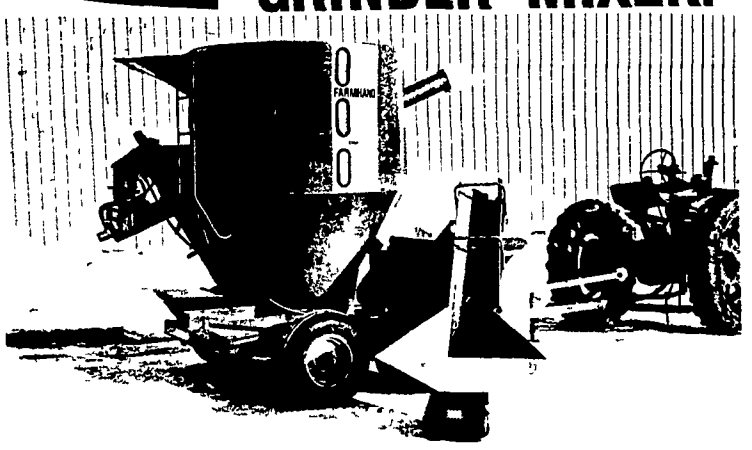

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Referendum

(Continued From Page 1)

was Willis Greazer, a dairyman who sits on the executive committee for Interstate Milk Producers. Graezer substituted for Lancaster County's own Daniel Martin who had been scheduled to participate, but who fell ill at the last moment. Dr. Willis Johnstone, Penn State, was the neutral party. He is a well-known extension dairy marketing specialist.

The call took place Wednesday afternoon of this week, and is reproduced here. The initials before each bit of dialog indicate the speaker WJ is for William Johnstone, WG stands for Willis Greazer, AT is for Arden Tewksbury, and RW stands for Richard Wanner, editor of LANCASTER FARMING.

RW - Dr. Johnstone, do we have any way of knowing how effective a milk advertising program would be?

WJ - It costs so much to tie it down completely that as in most advertising and promotion decisions, you're going to have to take some of it on intuition. It's a creative process, and an art. I doubt whether you can ever get an exact cost and effect relationship. In direct mail campaigns, it's fairly easy to determine results. But this becomes extremely difficult with mass media. I'm not saying that advertising doesn't work, I'm just trying to point out the difficulty in separating advertising effect from other factors that work in the market. I think producers that are participating in this would have to recognize. that there aren't any clear-cut answers.

AT - I agree with you Bill, but then again, I think if a particular dealer increases his own brand advertising, and he sees results, then I guess he's happy with his advertising program. We've seen this up in this area, where one or two dealers have taken sales away from other dealers. But as for increasing the sale of milk in a particular market, I don't think that's happened. One dealer gains, but another one loses.

WJ - From my own personal standpoint, I look at some of the results, and I have to be more optimistic than I was, for example, about the last campaign. This is not scientific, it's intuition on my part. Some of the publicity that I've read shows dramatic results from advertising programs. I'd have to leave the door open to change my mind, but I'd be more optimistic now than I was just at the end of the six-market study. There seems to be some momentum here. I think anybody who looks at the publications has to think there's something going on here. You can't measure it, but at least it's more than what was occurring three years ago Sure, you can affect sales by reducing price, but I prefer to give a little bit more emphasis and effort to promotion.

RW - I get the impression that milk sales aren't really very responsive to price reductions.

WJ - That's right. And what you're really doing is reducing the price five cents with a checkoff program But I suspect that spending that money on promotion will have more effect on sales that the traditional way of handling it.

AT - Bill, we've experienced some situations here in the Scranton market. A particular handler had ignored the milk marketing board's price. He lowered his price, but I don't think he increased sales in the whole market. He just increased his own sales.

WJ - It takes a mighty big decrease in price to increase sales. Could you apply the same logic to another sales factor? That is, advertising. You might argue that it takes a pretty substantial advertising effort to make an impact on sales.

AT - I think it would have to be a very high figure to make a substantial impact, yes. I think another way to more sales is to

(Continued On Page 29)

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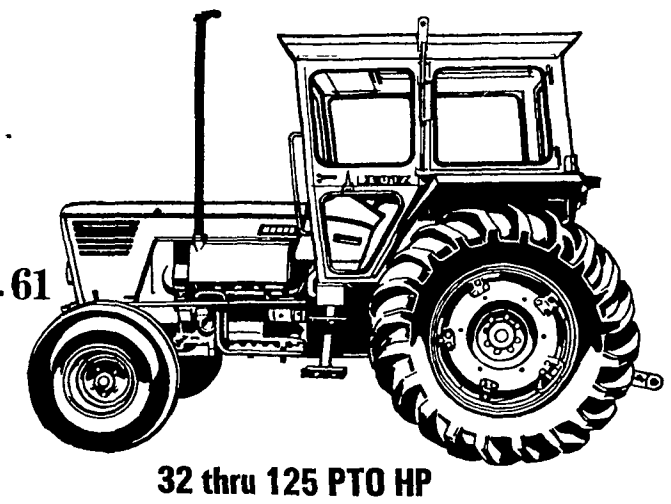

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Open Class Tobacco Show Biggest Ever

Even though Lancaster County farmlands absorbed record rainfalls in 1972, judges at the annual tobacco show, Thursday, said they were looking at a "dry weather crop."

Planted between endless raindrops and often in fields that looked more like rice paddies, the county's traditional cash crop experienced one of its worst growing seasons on record.

When the rain finally ended and the floods had subsided, the final months of the growing season came through dry and farm crops suffered as if there had been no rains all Summer.

But growing like the weed it is, tobacco survived and 184 entries were judged in the annual County Tobacco Show that concluded Thursday at the Farm and Home Center.

It was the highest number of entries in a county tobacco show in four years Last year only 144 exhibits were shown.

Donald Nissley, 24, New Providence RD1, had the grand champion binders. Nissley and his brother, Larry 26, Holtwood RD2, who placed second in the same class, grew six acres of tobacco in their spare time. Both are employed in construction of silos.

Ray A. Brubaker, 206 Rohrerstown Road, Lancaster, showed the grand champion wrapper tobacco. Ray is the son of Raymond S. Brubaker, one of the county's veteran tobacco growers.

The Reist family made a major assault on the county show, sweeping nine of 10 placings in wrapper classes and seven of 10 placings in filler classes.

The show was judged by A.K. Mann Jr., independent tobacco dealer, and Lester Whitmore, of American Cigar.

Mann said after the judging that county growers now know how to pick out tobacco for showing better than they did five years ago.

In deciding placings, Mann said he looked for "crops I could sell for more money."

The same tobacco will be judged again Sunday at the State Farm Show in Harrisburg where placings will be determined at least in part by an actual burn test

The county tobacco show is supported by the Lancaster Tobacco Growers Assn., the Lancaster Leaf Tobacco Board of Trade, and the Cooperative Extension Service.

The top placings in each class were as follows:

Short Fillers—Robert Burkholder, Washington Boro, 1st; Alfred Reist, Eden Rd., 2nd; Marian Reist, Eden Rd., 3rd.

Long Fillers—Arthur Reist, Eden Rd., 1st and grand champion; Douglas Reist, Eden Rd., 2nd; Marian Reist, 3rd.

Short Binders—Roy M. Rohrer, Strasburg RD1, 1st; Michael E. Rohrer, Strasburg RD1, 2nd; Rich Burkholder, Washington Boro RD1, 3rd:

Long Binders—Donald Nissley, New Providence RD1, 1st and grand champion; Larry Nissley, Holtwood R2,2nd; Gregory S. Mann, Lancaster R2, 3rd.

Short Wrappers—Ray A. Brubaker, 206 Rohrerstown Rd., 1st and grand champion; Alfred G. Reist, Eden Rd., 2nd; Marian Reist, 3rd.

Long Wrappers—Linn L. Reist, 980 Eden Rd., 1st; Douglas Resit, 2nd; Alfred Reist, 3rd.

John Yokum was the judge for the FFA corn and tobacco show, and the open tobacco show held Thursday at the Farm and Home Center.

Society 18

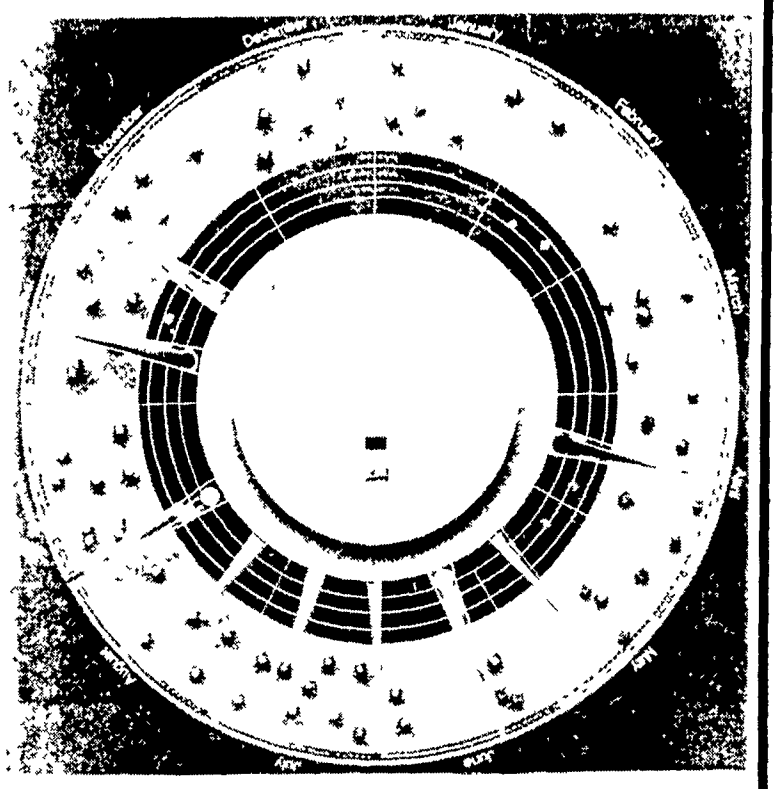
Farm Women Society 18 met recently at the home of Mrs. Lester Kreider, Buch Avenue. Devotions were led by Mrs Igerna Smith and the business session was conducted by Mrs. David E Burkholder, president

Delegates elected to represent the group at the Pennsylvania State Farm Show included the president, Mrs. Burkholder, Mrs Willis Z. Esbenshade, and Mrs. Lester Kreider

Mrs Doris Thomas, Lancaster County Extension home economist, spoke on the preparation of a Holiday Buffet and served the dishes she had prepared to the group.

The next meeting will be at 1:30 p m. January 20 at the home of Mrs. I. Wayne Brubaker.

BRAY
MAGNETIC CATTLE
BREEDING CALENDAR



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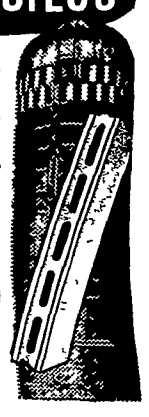

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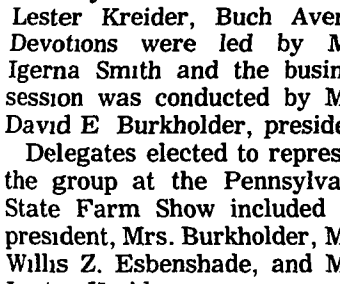

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Referendum

(Continued From Page 27)

cover areas where we're now missing the boat. There are a lot of places where milk might be sold if it were only available. And I was just going to ask if Interstate has any problems in the Philadelphia market as far as the availability of milk. In the New York market, we think this is one of the big things that might be effecting a decline in sales. Some restaurants, for example, won't even serve milk. Also the quality of milk has got to be taken into consideration. Some people won't buy milk from certain dealers because that milk is just no good. There are a lot of areas that could be improved, and result in more milk sales without spending money on advertising.

WJ - I think it's pretty much a foregone conclusion that farmers will be participating more in advertising and promotion. If the state referendum doesn't pass, then they'll be participating in federal order deduction programs. This has already been demonstrated. One of the things I would hope for is that these committees set up specific objectives in the advertising campaign, and use these objectives as a means of measuring their campaign's success or failure.

AT - Bill, let me ask you this. Suppose this program gets passed, and let's suppose that for one reason or another, there is an increase in class sales to market. Just supposing this. Are you aware that the New York market was depressed by almost five cents a hundred because outside milk was attracted into the market?

WJ - Yes.

AT - Now, if we do increase the price of milk in a particular market, who is going to reap the benefit? Will it be the dairymen in that market, or is some of this going to be passed on to other milk coming into the market? This could get to be a serious situation, especially with weather conditions like we had this year.

WJ - I think this ties us right back in to the fact that it's not only advertising, it's pricing, it's having adequate supply of quality milk—proper attention to all the ingredients that are present in the marketing and sales of milk. There are other things than advertising and promotion, but I suspect that the proponents of checkoff programs feel there's been too much emphasis on pricing and not enough on advertising and promotion. This is an effort by these people to boost up one of the lesser tended too elements in milk marketing, that is, advertising and promotion.

WG - I'd like to respond to the earlier question about the availability of milk in the Philadelphia area. Our surveys all show that the milk is available, and we're doing everything to see that it's kept available. And as far as quality is concerned, this is something we've been working on for a long time. It's useless to promote something that isn't good. We work with dealers and distributors in this area, and this is one thing we emphasized. We want them to keep this milk good from the time it leaves their doorstep. Another thing we're doing is having seminars with stores, which I personally think is one of the greatest fields we've gotten into. We're teaching clerks to maintain the quality of the milk.

RW - Have these seminars increased sales at all?

WG - Oh, they certainly have. You can get the statistics from American Stores, from A&P, and others. Food Fair has spent $25 for each person they've sent to these seminars, and they feel that it has really paid. The milk doesn't sit on the dock after it's delivered, it's kept cold. It goes right into the cases, it's kept below 40 degrees . .

RW - In a sense then, at least in that program, you've got stores paying for their own milk promotion.

WG - We still have to subsidize it a certain amount for materials, labor and so forth, but we're also able to get some money from the chains. Another question I'd like to ask Arden. Is Eastern saying that all advertising doesn't pay, or are they just saying it doesn't pay to advertise milk?

AT - I think that gets us back to what I said before about brand versus non-brand advertising. Personally, I think when you have a particular product to sell, you may benefit from advertising. But when you don't have a particular product to sell, I question how much good advertising really does.

RW - If there were studies available which showed definite correlations between non-brand advertising, for example cheese and butter, and product consumption, would Eastern then change its mind, do you think?

AT - Let me say this. Production of cheese in the whole country is up 11 percent. Is this because of a large advertising program, or is this just because people have decided to eat more cheese?

RW - I think people have decided to eat more cheese.

WG - Well, I know that there have been some terrific cheese advertising programs.

RW - Are these non-brand programs?

WG - Yes they are. We receive materials all the time, and it gets put into retail stores all the time. It is definitely non-brand advertising.

RW - Do you think that advertising money is pushing cheese sales upward, or do you think its being pulled into the market by increased consumer demand for cheese?

WG - This is a planned program. I feel that advertising has created a demand for cheese. And with the demand, there's probably more money for advertising the product. The thing I would like to say, is that if an industry is going to grow, there's no doubt that promotion and advertising plays an integral role. And I think that we want our milk industry to grow. And the best way for it to grow is through promotion.

WJ - There are no prescriptions, that's for sure. I think Willis and Arden will agree with that. It cannot be presumed that just because advertising expenditures increased net returns for oranges or Coca-Cola, that the same thing can be expected for potatoes or milk. It's very difficult thing to prove. At this point, I think there's something to be said for giving it a whirl, to see what king of results you do get.

RW - You're talking about a five-year whirl, aren't you?

WJ - Well, I think we need that much time to give it a fair trial, to see what does happen. I would encourage the participants in this to, in the beginning, assess what their objectives are, and design some scientific ways to try and answer the question of effectiveness. We don't have clear-cut answers, and maybe we won't ever have them, but at least we're justified in trying it.

(Continued On Page 30)

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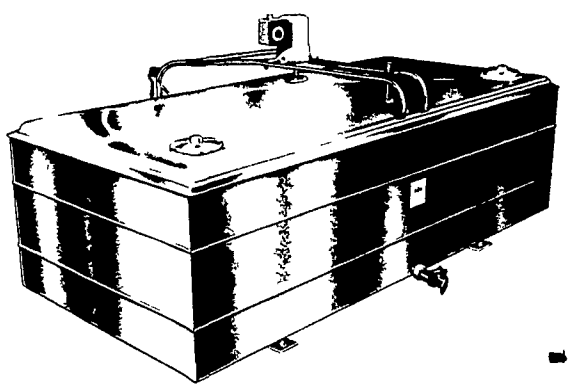

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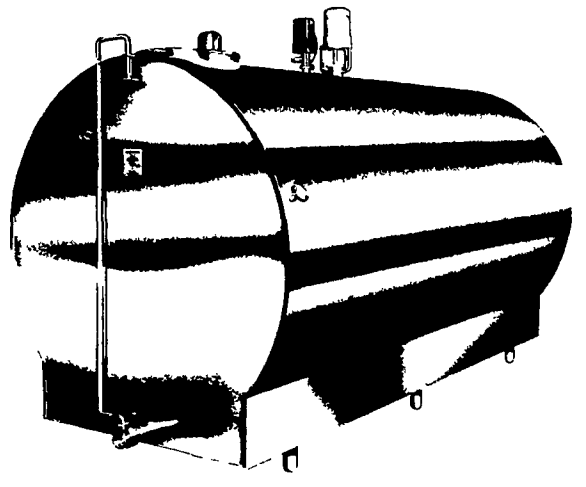

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Pros, Cons

(Continued From Page 29)

WG - Bill, I think one of the greatest responsibilities of this committee will be to mull over in their minds all the different approaches, and listen to different people, and yet just end up sometimes using good common sense. One thing I'd like to point out—you know in the federal order where we have over 8000 producers, we had 380 withdrawals. You know you can get withdrawals from the federal order program by submitting a request between the first and the fifteenth of the last month of any quarter. The first month, the withdrawals were 345. This last quarter we had 380 withdraw. And that's not a bad average out of 8000 participants. Only about half-a-percent withdrawals. That made me feel good. The other ting that really made me feel good was the fact that Eastern has only had one or two withdrawals.

WJ - But you don't really know that, do you?

WG - No, we don't know the names, but we do know by coop. The market administrator will give you the number of withdrawals from any coop. Eastern has had a very low withdrawal rate.

(Editor's Note: After the conference call, Arden Tewksbury called back and said that Eastern's records for the last three quarters indicated that 19,29, and 33 of its members had requested withdrawals in the three quarters.)

WJ - I would add that this kind of participating contrasts remarkably with some midwestern orders where you have as high as 50 percent withdrawals. I think anyone would have to admit that the withdrawal rate in the Middle Atlantic program is dramatically low. Of course, everybody would like to participate in programs to increase the consumption of milk, and not pay any of the cost. That's a pretty attractive deal. That's the safest of all worlds. If farmers do decide to vote for this program, I hope they'll also get some kind of device to measure results. And maybe we can resolve some of these issues that we don't have scientific answers to.

AT - Summing up, this referendum was called up three years ago, and the only way you could vote was by individual ballot. We feel that dairy farmers in the state did defeat it. We feel that since then, the program has been lined up to be almost unbeatable. We feel that bloc voting means the referendum will almost certainly result in a go-ahead for the checkoff program.

WG - There was a lot of pressure from New York to get this referndum brought up. After they went for five cents in New York. And my feeling is that if the Pennsylvania referendum doesn't go through, then you're going to be confronted with a federal referendum in order 2. Because there's too much milk coming out of Pennsylvania going into New York and not contributing to advertising. Right or wrong?

AT - I agree that if the referendum isn't passed here, then something may be done in New York to recall that program. It could work both ways.

RW - Gentleman, I think we've covered the important points of the issue. I thank you for participating.

A recent survey conducted by Reader's Digest showed it now takes an average letter about five days and seven hours to be delivered—this represents an increase of two days and seven hours over the time it took to deliver a letter in 1969.

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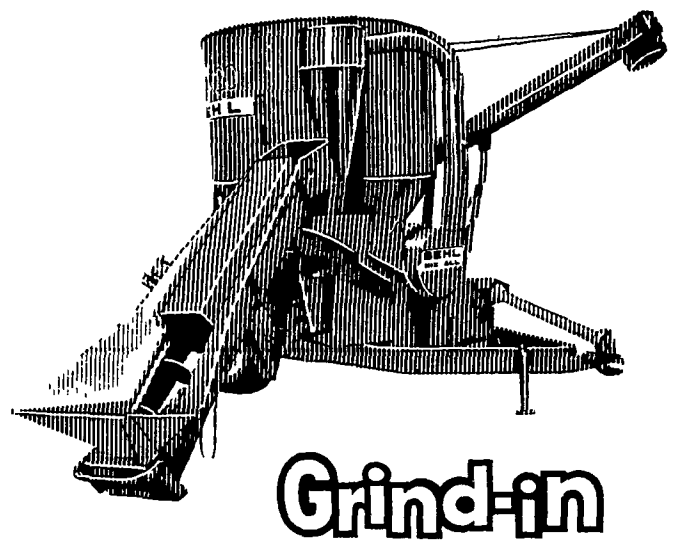

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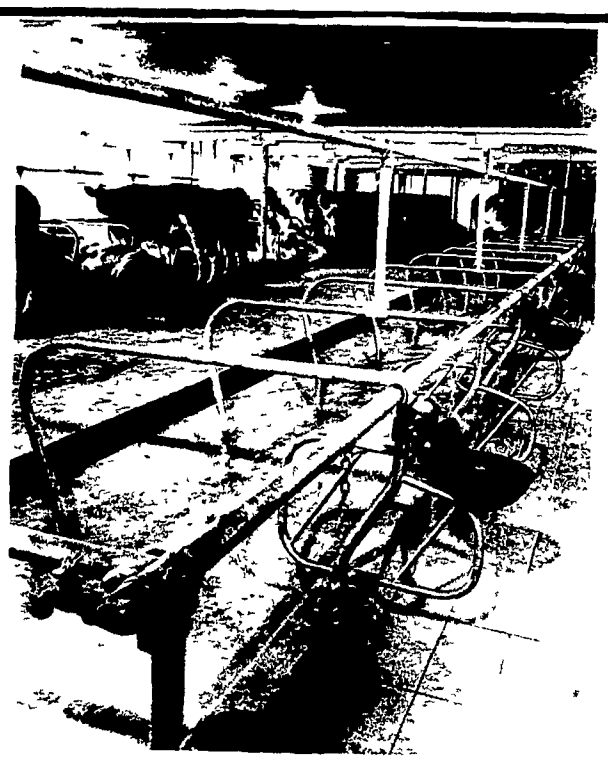

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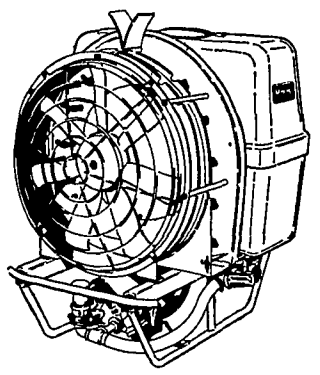

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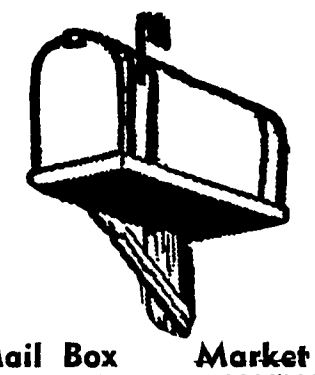

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(Continued On Page 32)

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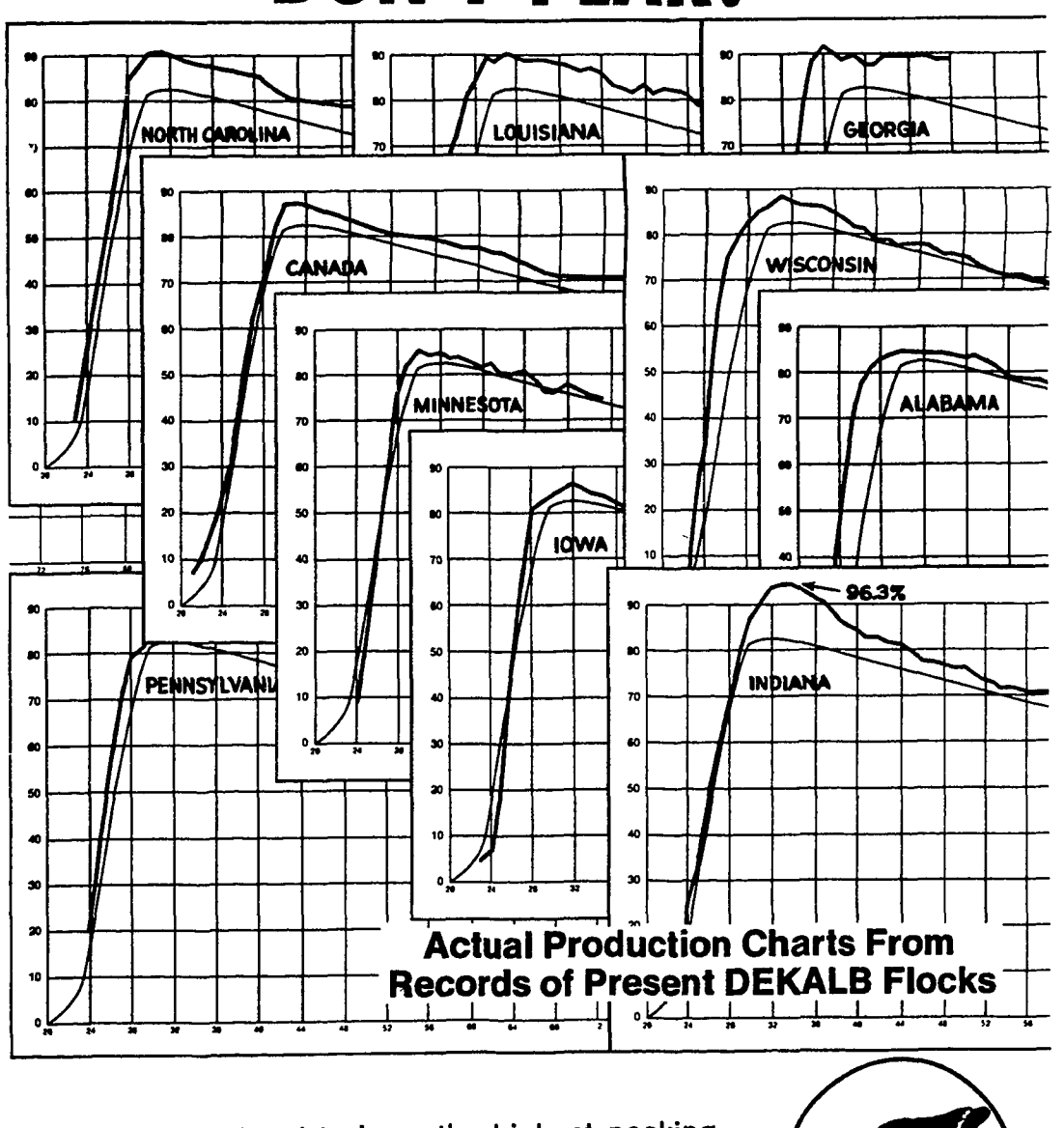

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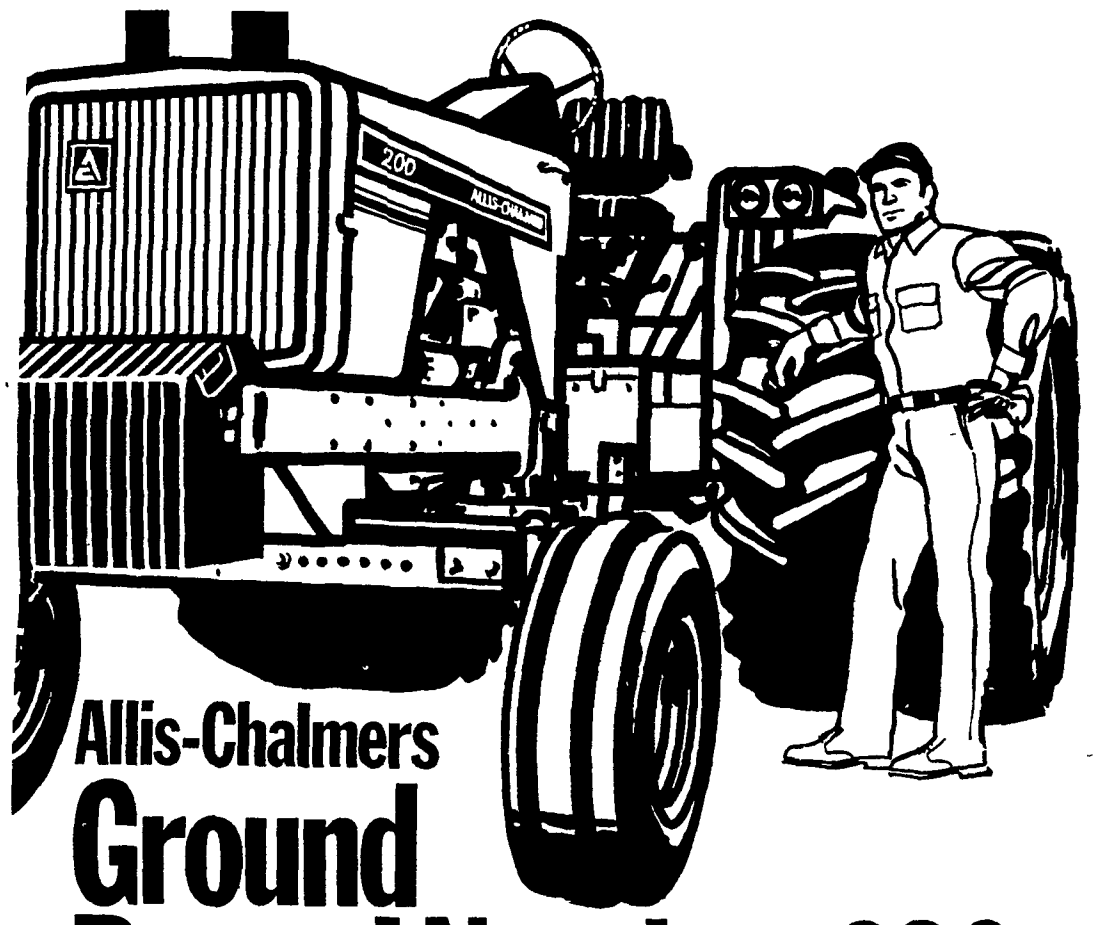

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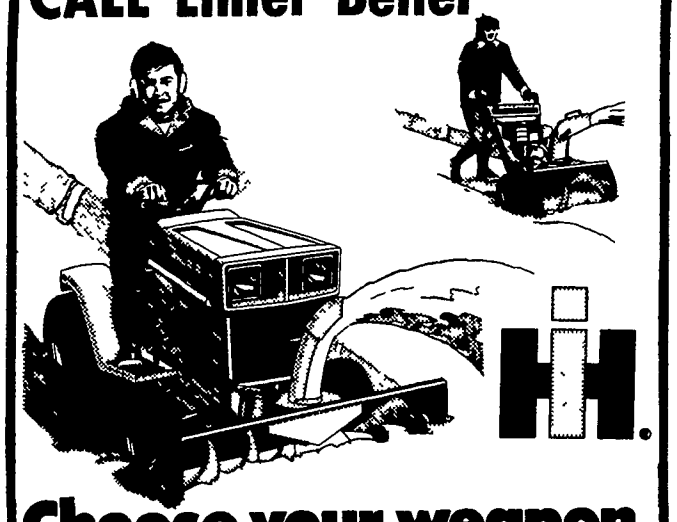

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Easy does it with International Harvester snow removal equipment.

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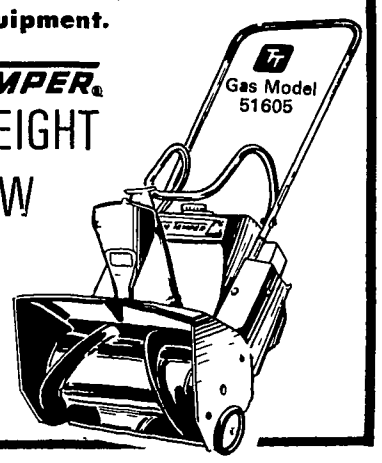
THE LIGHTWEIGHT POWER SNOW SHOVEL



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Just Received 1 Car Load of
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Used 234-2 row mtd. corn picker
503 Combine 6 Row Corn Head
101 I.H. Spreaders - Special
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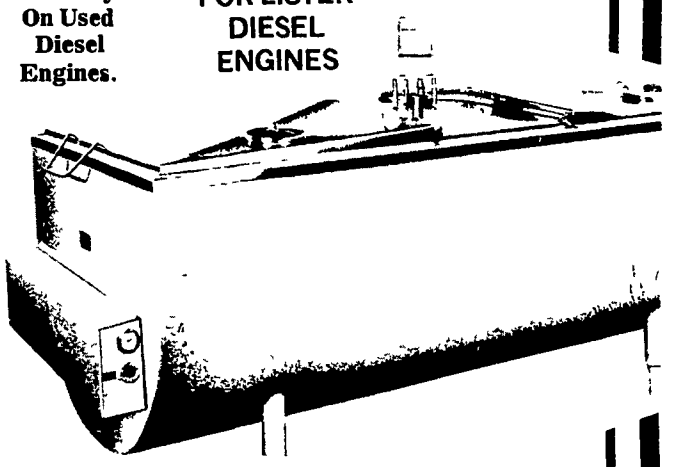

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Farm in high state of cultivation, 20 acres woodland, approximately ¾ mile road frontage. Livestock and equipment can be bought. $183,000.

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For Sale - 500 pound Angus steer. Phone 626-2864 after 6 P.M.

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Man or women wanted for part time job. Must have driver license. Contact J. P. O'Neill "The Pupman" Tuesday between 4 and 8 P.M. at Root's Farmers's Market, Manheim RD 1 for more details. This will be a well paying job for the right person.

Women wanted for housekeeper and cook by gentlemen age 37 and son 10 in lovely modern country home. No smokers or drinkers. For details, Phone 609-452-2613 early A.M. only. Collect and I will arrange for a personal interview.

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MAN WITH MECHANICAL ability to work on Poultry Breeding Farm and feed mill. Previous farm experience is desirable. Attractive house with 4 bedrooms, bath and central heat available. Hospitalization and paid vacation provided. Write or call for interview. Geo. M. Anthony & Sons, Strausstown, Pa. 19559 (Berks Co.) Phone 215-488-6211

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SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut, Manager. 717-768-8378.

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2:00 P.M.

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700-1000 Pounds

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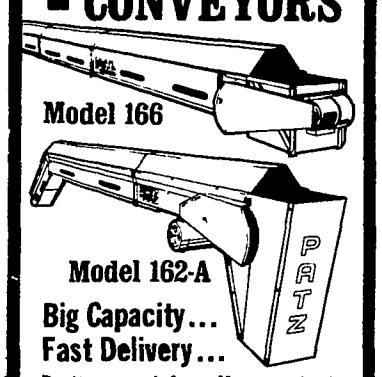

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with order for
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Please id Corn Contest Blanks and Award Sheet

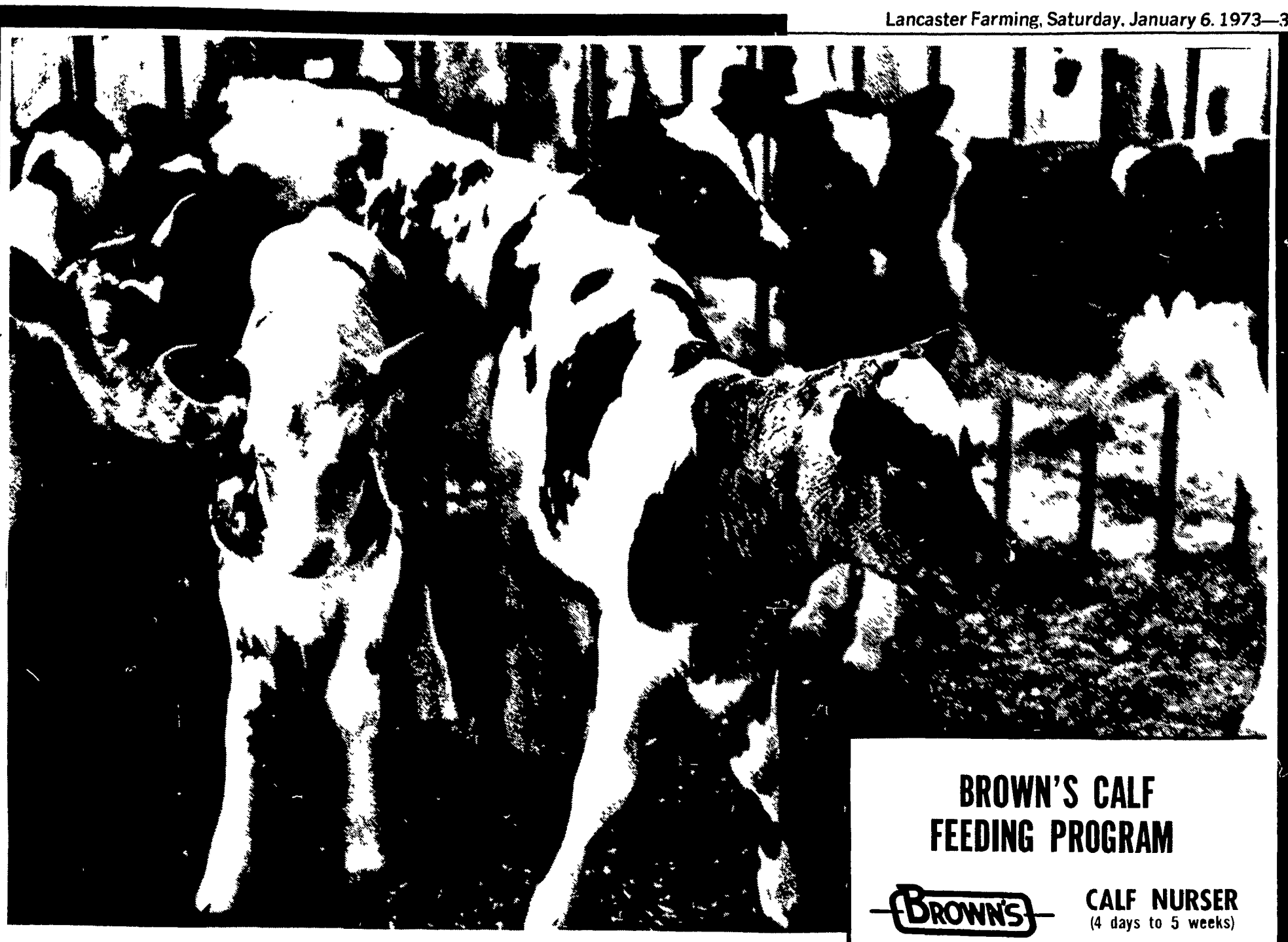
Name_____

Address_____

Rd._____ Phone_____

Acres Farmed_____ Acres to Corn_____

MUNCY CHIEF HYBRIDS, MUNCY, PA.



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By Providing the Necessary PROTEINS, VITAMINS and MINERALS, Brown Fed Calves Acquire the Vigor and Strength that will Carry Them Through a Lifetime of HIGH MILK PRODUCTION.

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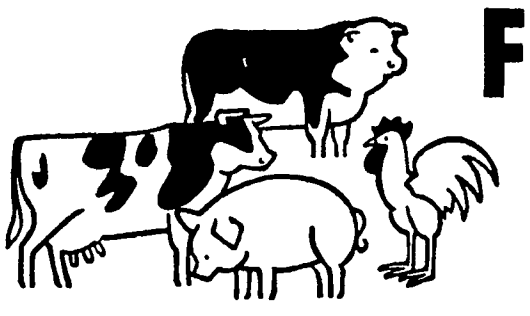

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(Area Code 215)

Keystone Farmer Degrees Awarded to Area FFA Members

Numerous area FFA boys will receive the Keystone Farmer degree during ceremonies at the FFA mid-winter Convention in the Forum at Harrisburg on Wednesday. The Convention is held annually in conjunction with the Pennsylvania State Farm Show

The Keystone Farmer degree honors are received by only one farm boy in 50 Henry Givler, area agricultural consultant for Lancaster and Chester Counties, and Harvey Smith, area consultant in Lebanon County, report that under FFA rules not more than two percent of the State membership can receive this honor.

The degree is given for outstanding achievement in agriculture and rural life To be eligible, the FFA member must have satisfactorily completed at least two years of instruction in vocational agriculture, demonstrated marked leadership, earned and invested at least $500 productively, and attained satisfactory achievement in improving the farms efficiency or comfort

FFA boys receiving the degree Wednesday are as follows:

Lancaster County

Wayne Kreider is the 17 year old son of Mr and Mrs. Ellis Kreider, Quarryville RD1 He is a senior at Solanco High School and is president of the Solanco FFA Chapter. Wayne was also Chapter vice-president last year and Red Rose vice-president last year and Red Rose vice-president for 1971-72.

Wayne judged dairy cattle two years during State FFA week, receiving a gold medal last year. He judged at Springfield, Mass., placing fourth high individual. He was on the parliamentary procedure team two years, and was president of the first place team at the regional contest. He was also a delegate to the winter FFA Convention

Wayne has a number of registered Holstein dairy animals and has also carried projects in corn and alfalfa. He placed second in the 1971 PCIA corn growing contest

Wayne is president of his school's Chapter of the National Honor Society and was vice-president of the Solanco Dairy Club He attends the Mechanic Grove Mennonite Church where he was treasurer of the youth group.

Wayne Kreider
Solanco FFA Chapter

Delmar Weaver
Grassland Chapter

Delmar Weaver, son of Mr. and Mrs John M Weaver, New Holland RD1, is a 17 year old Grassland FFA Chapter member.

Delmar lives on a 106-acre dairy farm, where much of his time is spent working with the cows At present he owns three Holstein dairy heifers and plans to expand this number as soon as possible. He has raised nearly 50 veal calves, 10,000 chickens, 11 market hogs and five acres of corn over the past three years.

He has served the Grassland Chapter as treasurer. He received the Star Greenhand and Star Red Rose awards. In addition, he was an area public speaker, chairman of the Supervised Farming Program committee, State PAFC delegate, and attended the 1972 National FFA Convention in Kansas City.

Delmar is a member of the National Senior Honor Society and is active in the Weaverland Mennonite Church youth group.

Robin Ginder, 17, son of Mr. and Mrs. Ira Ginder, Denver RD2, is a Cloister FFA member. He has served the local Chapter as chairman of the community service and scholarship committee.

Robin has developed a herd of 30 Holstein dairy cows on his parents farm. He uses the Pennsylvania Farm Account book for all his records and last year received a gold medal for his record book.

Robin Ginder
Cloister FFA Chapter

Robin plans to continue with the development of his farming program after graduation. His goal is to become established in dairy farming.

James Charles
Manor FFA Chapter

James Charles is the 19 year old son of Mr. and Mrs. Roy H.

(Continued On Page 35)

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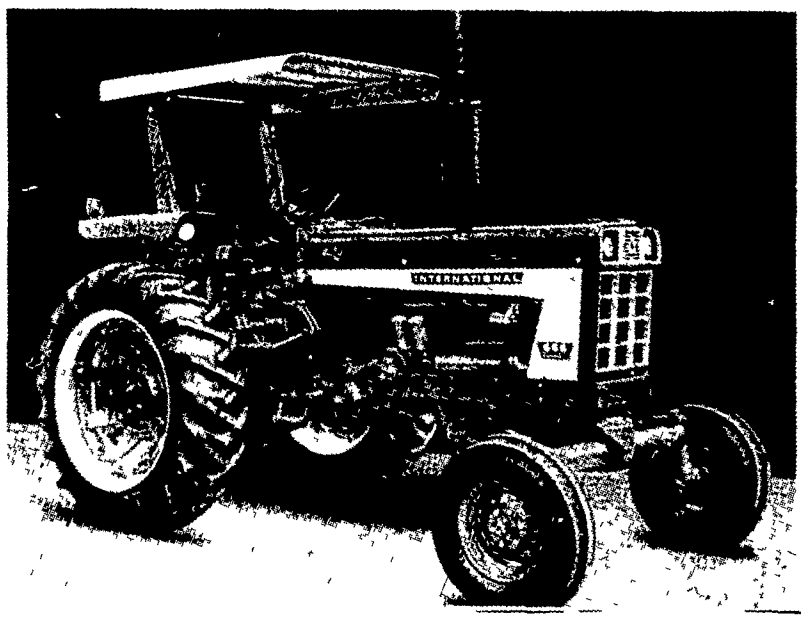

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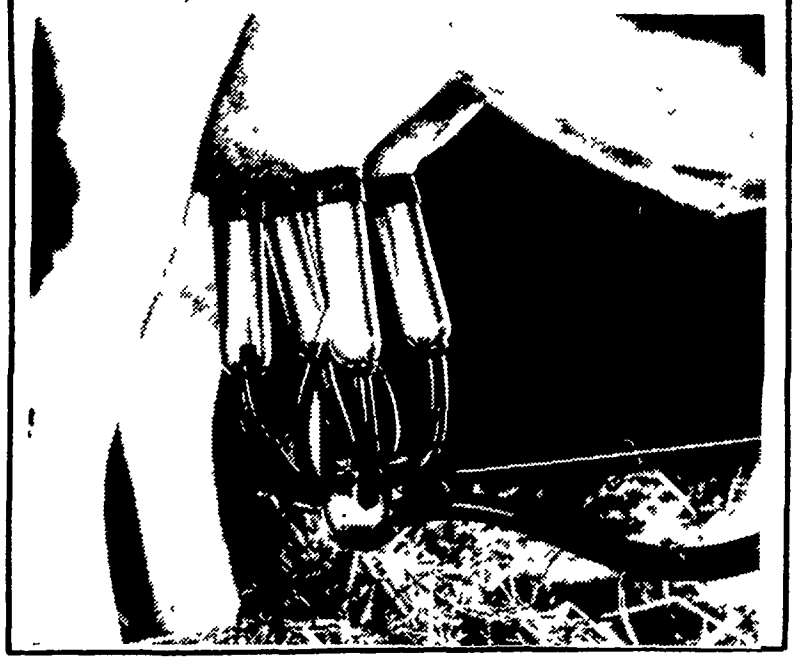

Keystone Farmer Degrees

(Continued From Page 34)

Charles of Lancaster RD2. During his four years in the vocational agriculture course he had 103 pigs, sows, sheep, corn, and sweet potatoes as projects.

When he was a senior at Penn Manor he placed fifth in poultry judging at the State FFA Convention and won a trip to Springfield, Mass., where he placed sixth in the North Atlantic Region. He also attended the National FFA Convention. His farming program was voted the best in his class. For three years he exhibited eggs at the Farm Show which were first-prize winners.

He was vice-president of the Millersville Mennonite Church youth group for two years. He is presently working for his father on the home farm.

John Miller
Manheim FFA Chapter

John Miller is the son of Mr. and Mrs. Arlington Miller, Elm. His farming program consists of four dairy animals, two beef fattening animals, 20 veal calves, two acres of field corn, and six swine fattening animals. He showed the grand champion FFA steer and reserve grand champion in the overall show at the Manheim Farm Show and showed dairy animals in local shows.

John is serving the Manheim Chapter this year as secretary. He previously was chapla of the local Chapter, and sentinel of the County Red Rose Chapter. He has received the Star Greenhand and Star Crop Farmer award and served as delegate to the County Red Rose Chapter. He has won the silver project book award on the County level.

John is active as a member of the Junior Guernsey Breeders Association and is a member of the Manheim Church of the Brethren.

Thomas Perry
Solanco FFA Chapter

Thomas Perry, the son of Mr. and Mrs. Charlie T. Perry, Oxford RD1, is a senior at Solanco High School. He is serving as parliamentarian in the Solanco FFA.

During his four years in the FFA, Thomas has had steers, veal calves, hogs, corn and hay. He is a member of the Lancaster County 4-H Baby Beef Club.

Thomas has participated in the State Livestock Judging contest and attended the National FFA Convention in Kansas City as a delegate from the Solanco Chapter. He has had four years experience in showing beef cattle and has shown leadership helping young Chapter members prepare their animals for show

Bob Burkhart
Grassland Chapter

Robert Burkhart, son of James H. Burkhart, East Earl RD1, is 19 years of age. He worked for three years at Zimmerman Turkey Farm, East Earl, where he plans to continue working

As a Grassland Chapter FFA member Bob was Chapter reporter. He attended the National FFA Convention at Kansas City

Bob's farming program consisted of swine fattening. He participated in the work experience program at the school, which he has found to be profitable to him.

Serving as vice-president of a local youth group, Bob anticipates continuing to be active with the youth. He is also a member of the singing group "New Horizons"

Russel Kline, 17, is a son of Mr and Mrs. Vernon Kline, Reinholds He is a member of the Cloister FFA Chpater and holds the office of sentinel

-Active in local and state shows, Russel has won numerous awards with his Holstein dairy animals. He was winner of the 1970 Jaycee steer award and showed the animal at Harrisburg and Timonium Russ won a gold medal in dairy cattle judging at the State FFA Convention and later was a member of the first-place team at the Eastern States

(Continued On Page 36)

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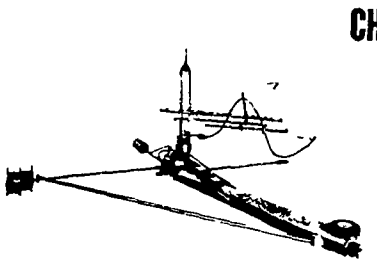

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Keystone Farmer Degrees

(Continued From Page 35)

Exposition Dairy Judging Contest at Springfield, Mass His record books have been awarded

Russel Kline
Cloister FFA Chapter

gold medals on the county and state level He was a Chapter delegate to the 1971 National FFA Convention

His farming program includes a herd of registered Holsteins, market and breeding swine, field corn, and steers. Russ also works part-time at Gehman's Feed Mill, Denver

Parke Hess, a son of Mr. and Mrs. Paul S Hess, Conestoga RD2, is treasurer of the Manor FFA Chpater

Parke received the Greenhand Degree and the Chapter Farmer Degree as well as the County Red Rose Degree He has served on various committees in the Chapter, and was an officer on the parliamentary procedure team He participated with the

Parke Hess
Manor FFA Chapter

Chapter in presenting a program on WGAL-TV where he talked about judging contests on the State and National levels.

He has attended several State FFA Conventions. He won first place in the State Poultry Judging Contest. This win entitled him to attend the National Convention in Kansas City to judge poultry, where he won a bronze emblem

Parke had numerous projects for his farming program, including a calf, cow, hogs, and field corn. His projects were entered in a local fair where many prizes were won, including the grand champion hog

Parke is considering agribusiness in his future plans.

Donald Wenger is the son of Mr. and Mrs. Richard G. Wenger, Manheim RD2. He is currently serving as treasurer of the Manheim FFA Chapter and as delegate to the County Red Rose

Donald Wenger
Manheim FFA Chapter

Chapter

Don's farming program consists of a dairy herd of five Brown Swiss cows, two finishing beef and several acres of tobacco and field corn. He won a gold medal in State competition at Penn State for dairy judging and was a member of the Pennsylvania Dairy Judging team which placed first in the Eastern State Region contest held in Virginia.

He was named Chapter Star Farmer and Star Red Rose Farmer for the County, and was honored as Star Dairy Farmer. His tobacco won reserve champion at the local FFA tobacco show last year. He won the silver project book award on the state level. He is on the school honor roll.

Michael Roland, a senior at Solanco High School, is the son of Mr. and Mrs. Hoover R. Roland, Quarryville RD1. He is chaplain of the Solanco FFA Chapter.

His projects are a registered Jersey heifer and work experience. He is presently working for Robert H. and G. Ralph

(Continued On Page 37)

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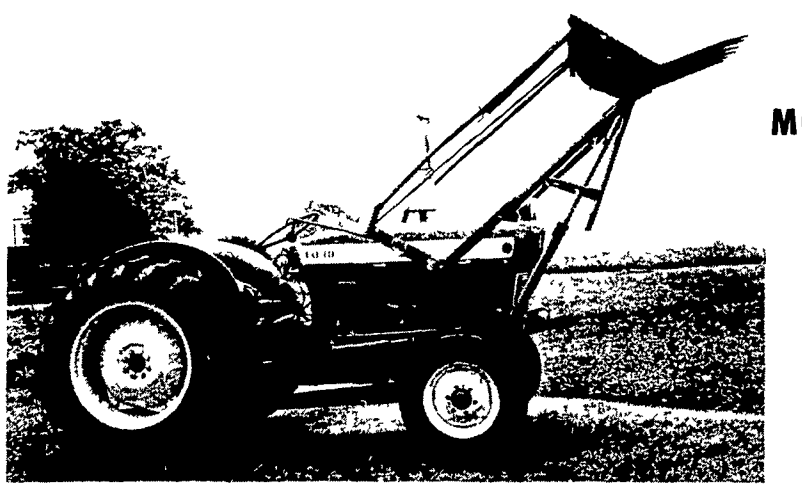

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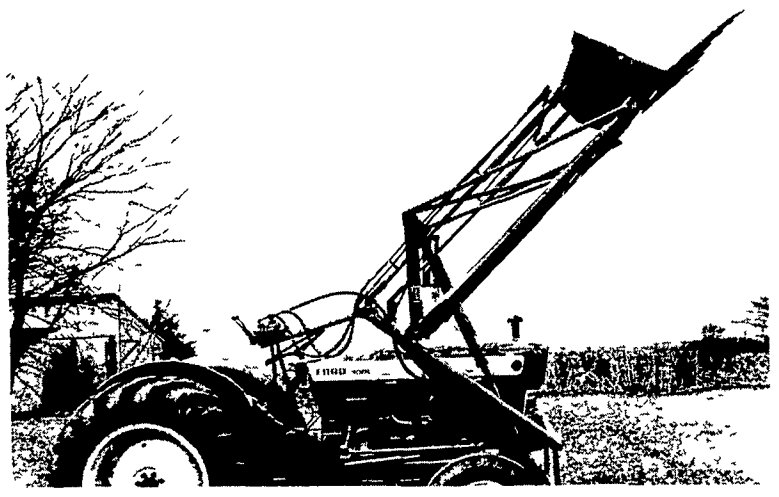

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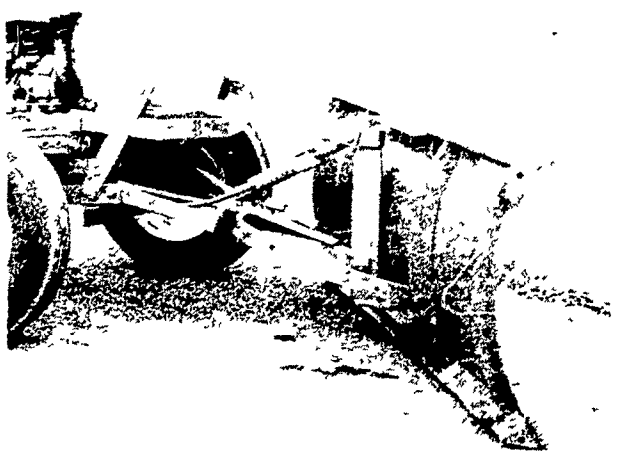

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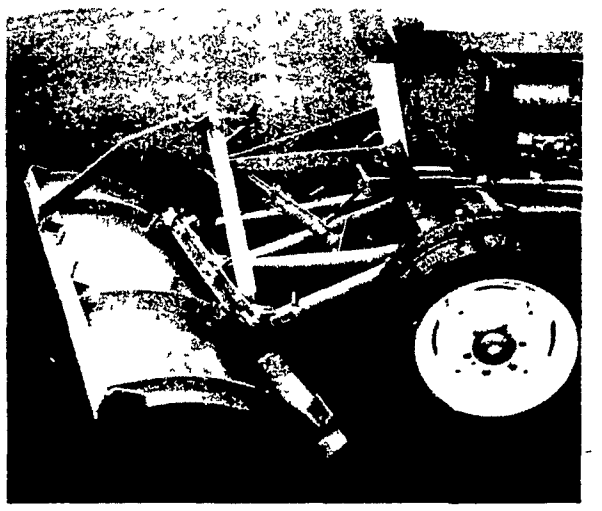

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Keystone Farmer Degrees

(Continued From Page 36)

Kreider, a partnership dairy farming operation near his home. He also has had experience raising Jersey and Holstein heifers and exhibited them in local, district and state dairy shows.

Michael participated in county and state land judging contests and won first place at Penn State in land judging. He will be participating in the National Land Judging contest at Oklahoma City in the spring. He is vice-president of the Chestnut Level youth group.

Michael Roland
Solanco FFA Chapter

Lynn Groff
Grassland Chapter

Lynn Ray Groff is the 17 year old son of Samuel S. Groff, Ephrata RD3. He is presently employed by Hess Brothers Egg Plant, Ephrata.

His projects have included raising market hogs and veal calves He worked on a poultry farm owned by Noah Zimmerman, Ephrata RD3, for three years

Lynn was a member of the County parliamentary procedure team He also competed in the State Milk Products contest and was a state delegate to the PAFC State Convention He served as vice-president of the Grassland FFA Chapter and was also second secretary

Lynn states he is mainly involved in church activities outside of school activities He would like to take a two-year course in turf management and eventually work at a golf course

Marlin Smoker
Cloister FFA Chapter

Marlin Smoker, 17, is a member of the Cloister FFA Chapter and holds the office of reporter He is a son of Mr and Mrs Earl Smoker, Stevens RD1

His farming program includes a herd of registered Holsteins, market hogs, veal calves and field corn His farming program records have earned him awards on the county and state levels

Marlin was a member of Pennsylvania's milk products team that judged at the Eastern States Exposition, Springfield, Mass He has attended three state FFA Conventions and won awards in judging milk, land, and dairy cattle

Marlin exhibited the grand champion market hog at last years Lancaster County FFA Show He also exhibited the junior champion at the regional FFA dairy show held at Harrisburg

He attended the 1972 National FFA Convention in Kansas City and was a member of the winning dairy cattle judging team at the North American Dairy Cattle Show at Columbus, Ohio

Cliff Charles
Manor FFA Chapter

Clifford Charles, Lancaster RD2, is a son of Mr and Mrs Abram Charles and a senior at Penn Manor High School He is vice-president of the Manor FFA Chapter.

His farming program has produced about 150 pigs from his original swine project as a freshman He has eight acres of corn and kept records on 10 acres of corn, and nine acres of alfalfa He has also fattened 35 hogs

Cliff judged livestock at the State Convention, where he received a silver award for two years At the National Convention at Kansas City he earned a bronze award in swine showmanship

(Continued On Page 38)

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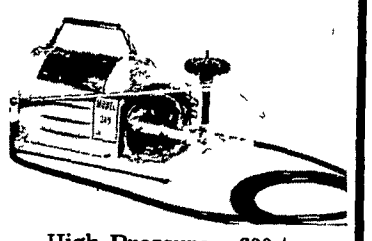

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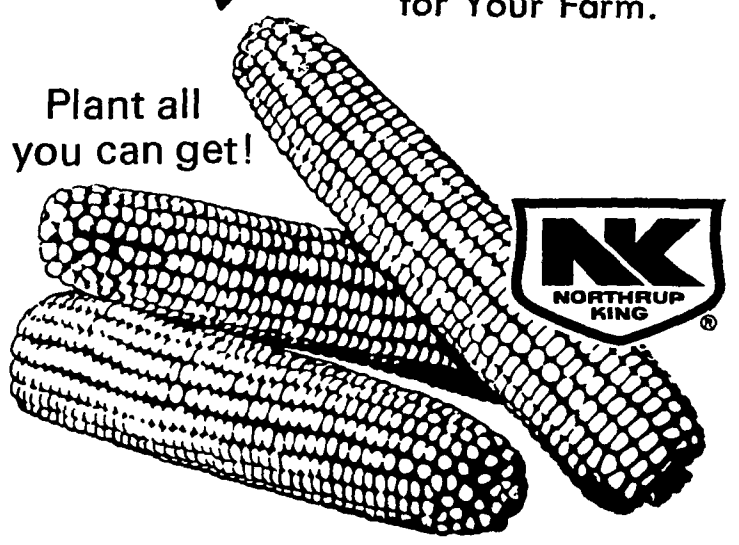

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Keystone Farmer Degrees

(Continued From Page 37)

is a member of the Landisville Mennonite Church and is active in church youth activities

Richard Kauffman
Manheim FFA Chapter

Richard Kauffman, son of Mr and Mrs Richard H. Kauffman, Columbia RD1, is president of the Manheim FFA Chapter

Richard's projects include three breeding sows, eight fattening hogs and two veal calves. He also worked for neighboring farmers during the summer months

Dick won the area small gasoline contest and went on to place third in State competition at Penn State In individual competition he won first place honors He was awarded a bronze medal for his record book in the County contest and honorable mention in the State contest

He received a letter in track and cross-country competition and is on the school honor roll He

William Krantz
Solanco FFA Chapter

William Krantz, son of Mr. and Mrs Willis B Krantz, Quarryville RD1, is serving as vice-president of the Solanco FFA Chapter

His FFA projects include four dairy heifers, two veal calves, 10 acres of corn, five acres of alfalfa, seven acres of wheat, and four acres of barley. His home farm includes 232 acres and they are milking 48 cows

Bill is a member of the Solanco Dairy Club, a junior member of the Holstein-Fresian Association of America, a member of the Mechanic Grove Church of the Brethren, and a member of the National Honor Society at Solanco High School

Mike Martin
Grassland Chapter

Poultry and music seem to be highlights for Mike Martin, 17 year old son of Mr. and Mrs. Robert Martin, New Holland RD1.

Mike's farming operation consists of a 2,640 laying hen operation, and he also has one dairy cow, two heifers and four show steers He raised four acres of corn

Active in musical areas, he is a member of the Zimmerman Family singing group in addition to singing in the school chorus, PMEA Chorus, county chorus, district chorus, and national chorus, and an FFA musical group.

Mike served the Grassland FFA Chapter as reporter and was County secretary He was named County Star Farmer as well as Poultry Man of the Year. He was a state public speaker, a PAFC delegate, and attended the National FFA Convention.

Mike plans to go into partnership with his father and someday take over the farm

A Cloister FFA Chapter member, Gerald Musser is the 17 year old son of Mr and Mrs. Paul Z Musser, Ephrata RD1. Gerald holds the office of Chapter president

His farming program includes market and breeding hogs, field corn, squash, and baby beef.

Gerald was the Ephrata Jaycee steer award winner in 1971. He has exhibited livestock at local and state shows.

At the State FFA Convention in 1972 he placed second in the land judging contest and earned a trip to Oklahoma to compete in the National contest. He was a Chapter delegate to the National FFA Convention in Kansas City. He also served the Soil and Water Conservation District as a junior director.

Gerald Musser
Cloister FFA Chapter

Greg Landis, a son of Mr and Mrs. Jay E. Landis, Lancaster RD6, is immediate past president

(Continued On Page 40)

Greg Landis
Manor FFA Chapter

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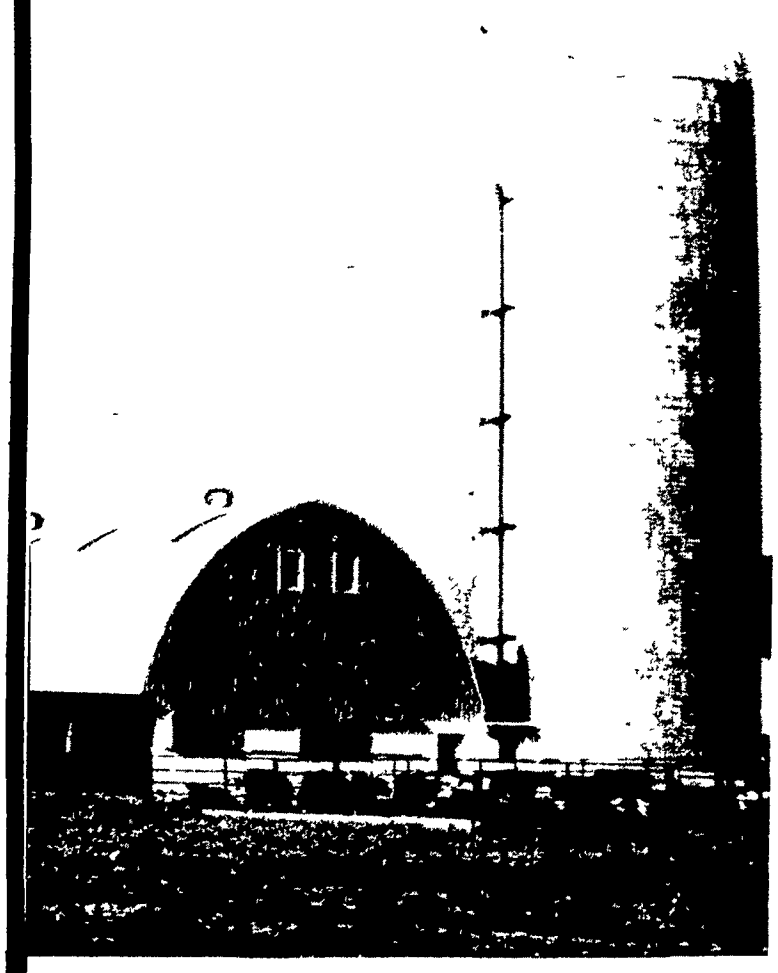

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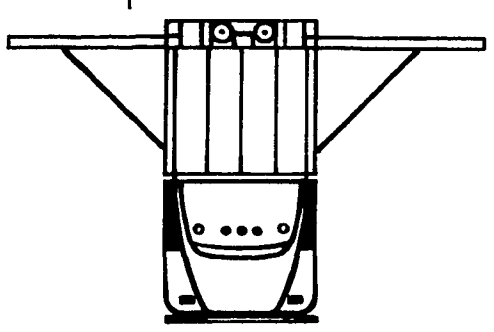

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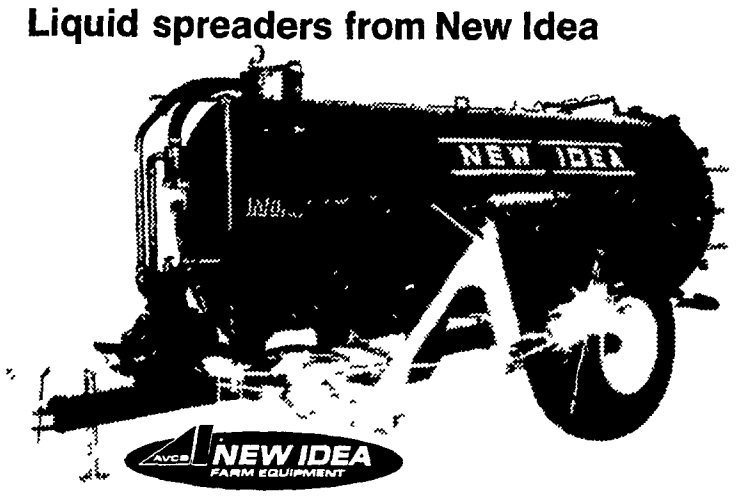

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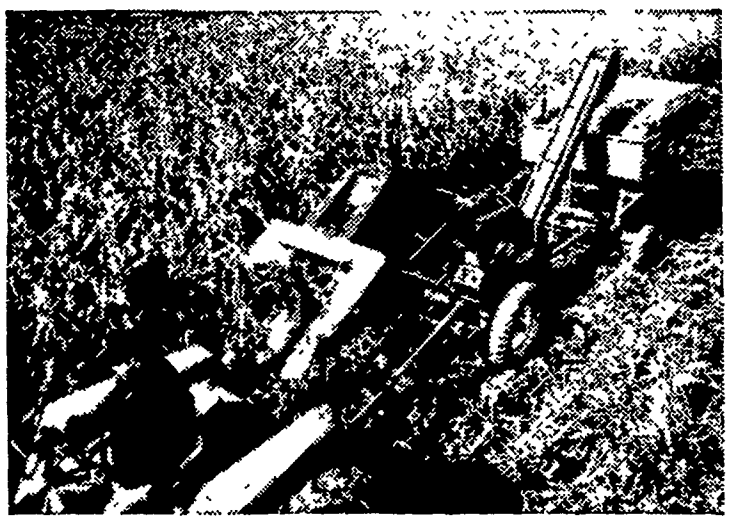


Big capacity. A Superpicker is built to tackle any field, any yield—any condition of corn whether it's ten feet tall or storm-blown, down and tangled.

If you've ever owned one, you know how Superpickers like to be left alone. How they're about as trouble-free as a piece of machinery can be.

Fact is, more farmers buy New Idea Superpickers than all other makes combined!

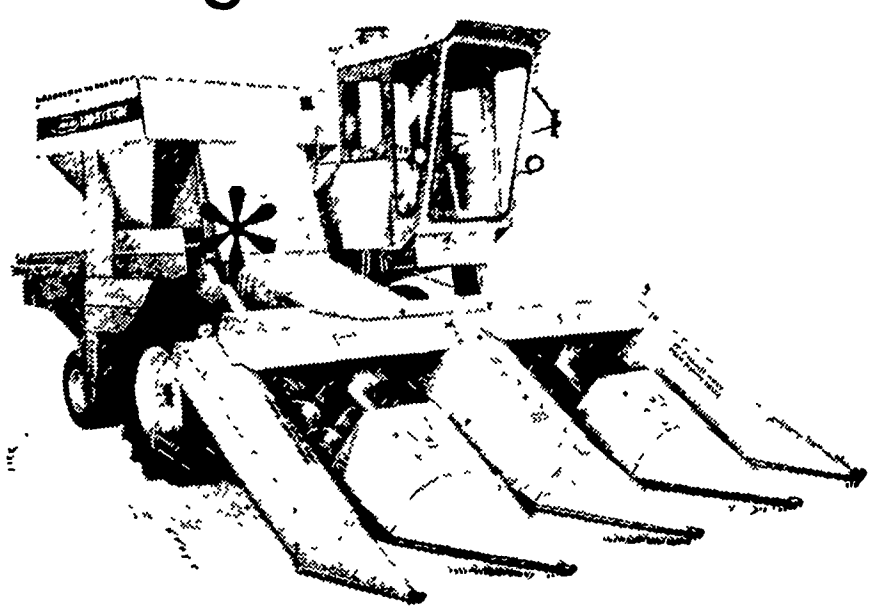
Superpicker—harvests your corn fast.

See us today. Chances are your old picker will make the down payment.

Avco NEW IDEA FARM EQUIPMENT

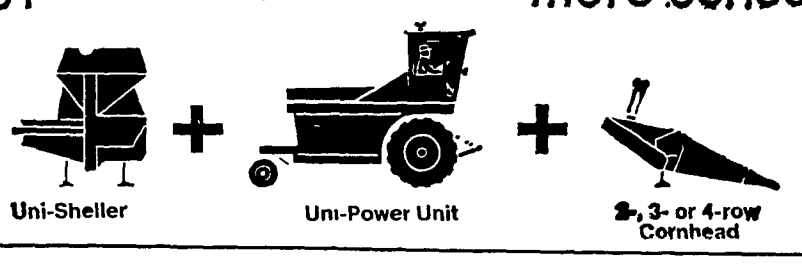
The Uni-Sheller.

It's got what it takes.



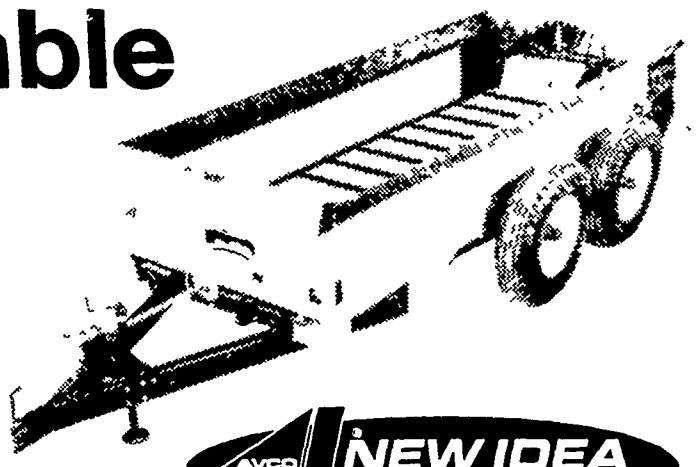
*The only field-going cage type sheller!

Uni-System just makes more sense!



The nimble giant

318-bu. New Idea Spreader is easy to maneuver...and it gets big jobs done fast!

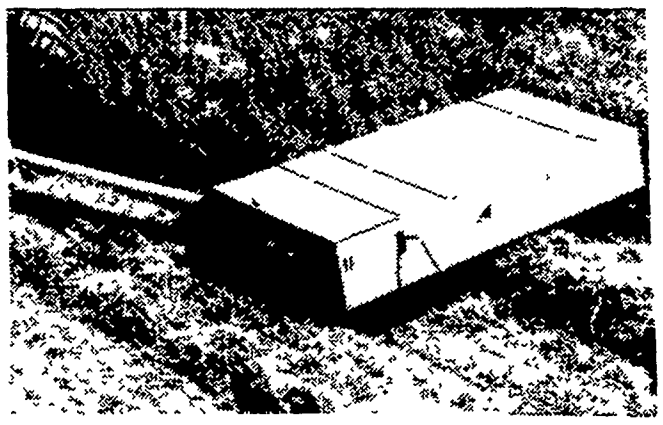


Avco NEW IDEA FARM EQUIPMENT

Costs hundreds of dollars less...unsurpassed in heavy, down, tangled hay...

Cut/ditioner

Avco NEW IDEA FARM EQUIPMENT



It's a simple machine, with fewer moving parts, Cuts 7-feet wide Conditions Makes windrow or swath When you can't cut hay with a sickle bar, Cut-dition it! Non-stop Plug-free See it at

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LONGENECKER FARM SUPPLY
RHEEMS

FFA Members

(Continued From Page 38)

of the Lancaster County Red Rose FFA Chapter.

Greg served the Manor FFA Chapter as an officer each of his four years as a vo-ag student As a freshman he was Chapter reporter, was assistant secretary as a sophomore, treasurer his junior year, and is serving as Chapter preident in this his senior year. He has been a member of the State FFA band for four years and has been awarded the State FFA Band award. He was also renominated for National FFA band. He has served on numerous committees in his local Chapter, and attended the State and National FFA Conventions

His present farming program consists of 10 dairy animals, six acres of corn and five acres of alfalfa He is interested in going into partnership with his father after graduation

William Hershey, a senior at Solanco High School, is the son of Mr and Mrs Earl Hershey, Quarryville RD2

His farming program in FFA included dairy animals, beef and swine fattening projects, and corn projects

Bill is presently holding the office of Chapter vice-president He was previously Chapter treasurer

William Hershey
Solanco FFA Chapter

He has participated in the National FFA Land Judging Contest at Oklahoma City and was a member of the Solanco Parliamentary Procedure team which placed second in the State contest.

He is vice-president of the Mechanic Grove Mennonite Church youth group and is also a member of the Solanco Dairy Club

Jim Zimmerman, son of Mrs. Dorothy Zimmerman, Ephrata RD3, is 17 years of age. He is a member of the "Zimmerman Family" singing group.

President of the Grassland FFA Chapter, he has been a member of an FFA musical

Jim Zimmerman
Grassland Chapter

group, a member of the National FFA Chorus at Kansas City, and attended the National FFA Convention. He has been a State Public Speaker also.

Jim's farm operation consisted of hog production. He is employed at Stauffer's Fruit Farm, Denver.

Jim is active in SCS programs. He is an officer in his local youth group and a member of the church chorus. He plans to continue to work in some agribusiness, such as a fruit farm. He will continue to use weekends singing Gospel music.

Richard Bollinger
Cloister FFA Chapter

Richard Bollinger, 17, is the son of Mr. and Mrs. Warren Bollinger, Lititz RD1. He is a member of the Cloister FFA Chapter at Ephrata and holds the office of Chapter secretary.

His farming program includes a herd of registered Holsteins, veal calves, market hogs, and field corn. He received silver and gold awards with his record books in the county and state contest.

Richard exhibited the grand champion market hog at the County FFA Market Hog Show and reserve champion hog at the Ephrata Fair. He has also participated in local, district, and State dairy shows, winning many awards with his Holsteins.

Richard attended the PAFC Summer Institute and the State FFA Conventon. A Chapter delegate to the National FFA Convention, he was also a member of the Cloister FFA dairy judging team which won the FFA division at the North American Dairy Cattle Show, Columbus. Ohio.

David Bitler
Solanco FFA Chapter

David Bitler, son of Mr. and Mrs Ralph Bitler, Peach Bottom RD2, is a senior at Solanco High School

His projects have consisted of swine, two cows, three heifers, two steers, alfalfa, corn, small grain, and a local milkers relief service. He served as reporter for the Solanco Chapter last year and is presently vice-president.

Dave participated in the 1972 International Land Judging contest in Oklahoma and was on the Penn Dairy Judging team that went to the Eastern States Exposition. He also participated in the Solanco FFA parliamentary procedure team.

Other interests include 4-H, the Solanco Dairy Club, and attending Chestnut Level Presbyterian Church.

Gerald Metzler
Octorara FFA Chapter

Chester County

A son of Mr. and Mrs. Robert Metzler, Christiana RD1, Gerald Metzler will receive the Keystone Farmer Degree at Harrisburg this week.

Having served as treasurer and secretary of the Chester County Future Farmers, he also served as secretary and vice-president of the Octorara FFA Chapter.

Gerald won a gold medal in dairy showmanship at the National Convention at Kansas City, Mo., and won a gold award in the state project book contest. He has been an outstanding leader and has served on several Chapter committees as well as participating in many Chapter activities.

Gerald's agricultural interests lie in dairy and crop farming.

(Continued On Page 41)

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3773 - Most popular hybrid in it's maturity in Pennsylvania.

MEDIUM MATURITY:
3571 - Top yielder of quality corn. Keeps standing till harvest.

FULL MATURITY
3368 - Excellent companion to 3369A - has many of the same characteristics plus better standability.

3369A - Frequently 10 to 20 bushels per acre better than other corns.

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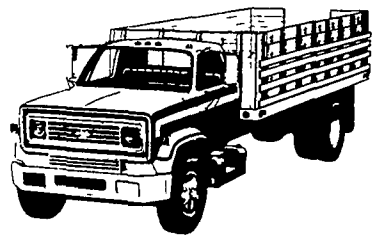

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FFA Members

(Continued From Page 40)

Howard Stoltzfus
Owen J. Roberts FFA

Howard Stoltzfus is a senior voag student at Owen J. Roberts High School. He is president of the local FFA Chapter and vice-president of the Chester County FFA.

His FFA projects began with a Holstein heifer which he showed for two years, including the Pennsylvania All-American and Junior All-American Dairy Shows in Harrisburg, where he won many ribbons including master fitter and master showman. He started his beef herd as a tenth grader and has presently two Hereford cows, two Hereford bull calves, two bred heifers, one Hereford and one Angus. Projects also included field corn. He is now renting a 40 acre farm.

Howard has entered Chapter, County and area public speaking contests, participated in the senior Livestock Judging Contest at Penn State during FFA week, and won a trip to the Atlantic Rural Livestock Exposition as fifth high individual. He also placed 11th in the International Livestock Exposition in Chicago.

Howard is an active member of the Conestoga Mennonite Church and youth group. School activities include an intermural volleyball team and helping with various showcases, exhibits, and displays.

Thomas Griffie
Gifford Pinchot FFA

York County

Thomas Griffie is the son of Mr. and Mrs. William Griffie, Dillsburg RD1. A senior at Northern High School, he is a member of the Gifford Pinchot FFA Chapter. He has served as Chapter treasurer for the past two years.

He earned the Star Greenhand Degree, the White Rose Degree, and served as delegate to the County FFA Chapter and participated in various FFA Sponsored contests and judging events. He also attended a Rotary Leadership Training Camp.

He received most of his agriculture experience from his grandfather while working with him in a farm machinery dealership. He gained his farming experience with his other grandfather who has a dairy farm, working in dairying and general crop farming. Tom had corn and oats as FFA projects.

Tom plans to attend Penn State for a two-year winter course in Farm Machinery Sales and Service and plans to follow this by entering a farm machinery company's training school.

Daniel Ruppert
Red Lion FFA Chapter

Daniel J. Ruppert, son of Mr. and Mrs. Isacc L. Ruppert, Red Lion RD2, graduated from Red Lion High School in 1971. He has been employed full-time since graduation with Pennfield as a truck mechanic. Dan and his brother are farming swine and beef and general crops in partnership.

His farming program in school consisted of swine fattening, beef fattening, corn and small grains. Agribusiness training was a cooperative work study with Pennfield Feed and Supply Company in a mechanics training program.

Dan was active in Chapter, County and State FFA activities. He served two years as Chapter president and one year as County secretary. He participated in public speaking contest, which took Dan into the Pennsylvania Conservation regional contest and fourth in the Pennsylvania FFA Contest at Penn State with a speech entitled "Air Pollution, So What?"

As York County delegate to the State FFA Convention, Dan participated on the nominating committee for selection of new state officers. He has been active in many church youth activities.

Dale Maulfair
Northern Lebanon FFA

Lebanon County

Dale Maulfair, a senior at Northern Lebanon High School, is the son of Mr. and Mrs. Paul Maulfair of Jonestown RD1. He is the third Maulfair son to receive the Keystone Degree.

Dale is presently serving as president of both the local FFA Chapter and Lebanon County FFA Chapter. He previously served as Chapter treasurer. He received the Star Greenhand and Chapter Farmer degrees.

Participating in summer convention activities at Penn State judging dairy and dairy dairy products, he won a trip to Springfield, Mass. to the Eastern States Exposition. He has attended the National Convention three times. He has been on the Chapter parliamentary procedure team and also participated in county land judging contests and tractor driving contests. He attended the National FFA Leadership Training Conference. He has been responsible for mowing, raking and baling the Chapter's eight-acre alfalfa field, and also was a member of the Chapter summer camping trip to Disney World, awarded to the boys who sold the most Citrus fruit during the year.

Dale has a reputation as a fitter and showman of Ayrshire dairy cattle. His FFA program consists of 13 head of registered dairy cattle, 1,300 broilers, three fattening hogs, 10 veal calves, corn, oats, and alfalfa.

Scott Hitz
Annville-Cleona FFA

Scott M Hitz, 17 year old son of Mr. and Mrs Marlin H. Hitz, Annville RD1, is a senior at Annville-Cleona High School. Two brothers have previously received the Keystone Farmer Degree.

Scott received the Greenhand Degree, the Chapter Farmer degree, and the County Farmer degree. He has received awards for first and second place in project book competition on the County level, and bronze in the State. He is serving as treasurer of his Chapter He served on the float and banquet commitees and is chairman of the recreation and refreshment committee

Scott's future plans included helping his two older brothers operate the family dairy farm.

The second son to receive the Keystone Farmer Degree is Robert, son of Mr and Mrs. Thomas Shuey Sr., Annville RD2. Son Tom received the Degree in 1971.

Robert has participated in County dairy and, livestock judging contests, the Southeastern Junior Dairy Show, the State FFA Dairy Show and the Black and White Show. He has shown his pigs at the Farm Show and the Landrace Show and Sale. He participated in juding contest at the State FFA convention for three years, receiving a silver medal for judging dairy products.

Having placed in the County and State FFA tractor driving contests, Robert is entered in the tractor driving contest next week

(Continued On Page 44)

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The Artificial Breeding of Dairy Cattle is our business. You may use the Quality Sires we are making available.

Joseph P. Trainor, Sr.
Joseph P. Trainor, Jr.

Announcing: a dry "pop-up"! Can cut planting time in half!

Ortho Unipel STARTER SPECIAL.

A starter? As a "pop-up"? It has to be special.

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— Physical Uniformity. STARTER SPECIAL pellets are made to the same shape and density for maximum consistency and control in application.

— Chemical Uniformity. Each and every STARTER SPECIAL pellet has all three primary nutrients — nitrogen, phosphorus, potassium — chemically homogenized in precisely the most desirable ratio: 13-34-10. The nutrients can't separate or segregate during handling as with troublesome, hard-to-regulate "dry blends."

— Double Duty Nutrients. STARTER SPECIAL has both quick-acting and long-lasting nitrogen and phosphorus for thorough plant feeding. There is no urea or diammonium phosphate that might endanger the seed through liberation of free ammonia.

Of course, these features also make it highly effective as a banded starter. But, with only slight adaptation of most planters, it can be applied directly with the seed in exacting measurement for safety and maximum response.

With this kind of control, you apply much less material — only 1/3 the amount needed for banding And the reduced material handling could cut your planting time in half!

So, save time, trouble, and money at planting time. See us soon about applying STARTER SPECIAL this spring as a dry "pop-up".

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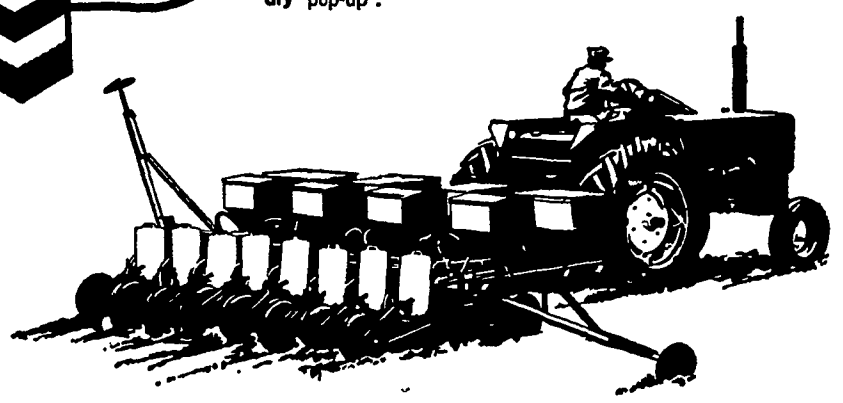

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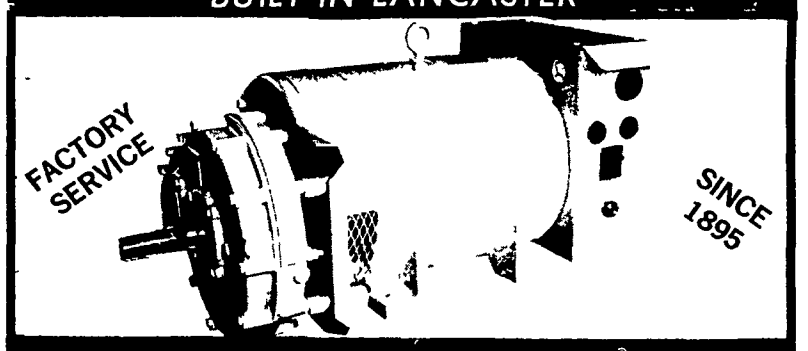

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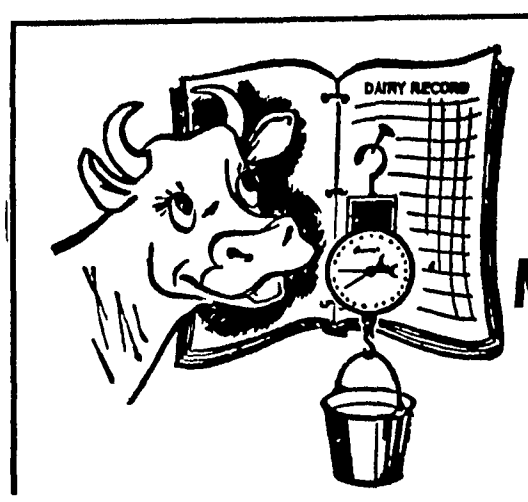

LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein Cow owned by J. Mowery Frey Jr., 401 Beaver Valley Pike, Lancaster, completed the highest 305 day lactation Rae produced 21,935 pounds of milk, 971 pounds of butterfat with a 4.4 per cent test. Second high lactation was completed by a Registered Holstein cow owned by Lloyd Wolf, Quarryville RD2. Jackie produced 21,563 pounds of milk, 926 pounds of butterfat with a 4 3 per cent test in 305 days.

The herd of Curtis E. Akers, Quarryville RD1, had the highest daily butterfat average. This herd of 57.7 Registered and Grade Holstein cows averaged 50.3 pounds of milk, 2.02 pounds of butterfat with a 4.0 per cent test The herd of John P. Lapp, Leola RD1, placed second. This herd of 37.7 Registered and Grade Holsteins cows averaged 50.0 pounds of milk, 1 96 pounds of butterfat with a 3.9 per cent test

FIRST 305 DAYS OF LACTATION WITH 650 OR MORE POUNDS OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	Fat
J. Mowery Frey Jr.						
Rae	RH	12-5	303	21,935	4.4	971
Matilda	RH	5-3	305	22,144	3.7	819
Lolita	RH	9-2	305	22,224	3.7	818
Dinah	RH	9-0	305	20,167	4.0	801
Terri	RH	5-4	305	17,753	4.2	743
Linda	RH	5-3	305	15,944	4.6	741
Renee	RH	3-7	305	17,615	3.8	674
Lloyd Wolf						
Jackie	RH	4-10	305	21,563	4.3	926
Jenny	RH	8-0	305	17,771	4.8	847
Dora	RH	8-4	305	22,196	3.6	796
Millie	RH	9-1	275	16,623	4.1	688
Ruby	RH	5-8	303	17,212	3.8	647
John L Landis						
Apollo 21	RH	4-8	305	24,008	3 8	919
Dell 61	RH	4-2	305	19,345	4.3	826
Beth 1	RH	5-1	305	22,429	3.2	713
8	GrH	7-3	305	18,921	3.6	688
Tena	RH	6-5	305	18,917	3.5	659
John E Kreider						
Bertha	RH	5-9	305	22,424	4.1	909
Ladina	RH	10-4	305	19,888	3.8	763
Lizzy	RH	5-6	305	19,608	3.7	722
Julia	RH	10-3	305	19,198	3.7	718
Jo	RH	6-0	290	15,607	4.2	654
Robert L Weaver						
Laura	RH	7-3	294	21,831	4.1	903
Harold L & Don Risser						
Lassie	RH	7-5	305	19,859	4.4	882
Bunny	RH	6-3	305	19,069	4.1	778
Trixie	RH	5-11	305	16,863	4.2	703
Samuel F Long						
Sunny	RH	7-1	305	18,890	4.6	878
Roxann	RH	3-4	282	15,705	4.8	755
Peg	RH	7-6	305	20,181	3.7	751
Mary	RH	4-8	305	17,136	4.1	703
Ginger	RH	4-8	305	16,982	4.1	694
Ivan Zook						
8	RH	8-11	305	22,813	3 8	877
3	GrH	3-7	301	20,839	3.8	790
18	GrH	3-4	305	18,775	3.7	703
58	RH	4-2	305	18,504	3.7	681
7	GrH	4-4	304	15,849	4.2	664
73	GrH	4-4	305	17,387	3.7	650
Paul H Hursh						
Jay	RH	4-4	305	18,468	4.7	875
Paul B Zimmerman						
Agnes	RH	6-2	305	23,283	3.8	874
Franco	RH	3-3	305	16,191	4 8	771
J Z Nolt						
Lena	RH	5-11	305	22,105	3.9	865
Paul V Nissley						
Crimson	GrH	7-1	305	18,659	4.6	856
Harry G Kreider						
Sybil	RH	9-5	305	19,457	4.4	848
Maryann	RH	6-2	301	18,401	4.5	823
Adean	RH	3-5	305	17,651	4.2	757
Wendy	GrH	7-11	305	18,229	3.8	693
Louise	RH	8-1	305	18,423	3.7	680
J Kenneth Hershey						
Joyce	RH	7-0	305	24,217	3.4	832
Betsy	GrH	5-10	305	18,811	3.5	665
Vicky	RH	6-4	305	20,609	3.2	660
Maurice F. Welk						
Leonora	RH	5-1	305	24,134	3.4	824
Dora	GrH	3-1	305	17,356	4.6	793
Blackie	GrH	7-1	305	18,140	4.0	727
Darlene	GrH	3-8	305	21,293	3.4	722
Judy	RH	7-9	305	19,465	3.6	709
Doris	GrH	3-4	305	16,572	4.1	683
Clyde W. Martin						
Sweety	RH	4-4	305	19,041	4.3	816
Amanda	RH	6-2	305	19,989	3.5	696
Theda	RH	3-1	305	18,425	3.7	680
Ben K Stoltzfus						
Joyce	RH	4-3	305	22,438	3.6	814
Paul E. Martin						
Hope	GrH	6-11	305	17,451	4.6	805
Dale E. Hiestand						
Judy	RH	6-10	305	21,214	3.8	804
Phyllis	RH	7-10	298	19,358	3.7	722
Rufus G. Martin						
27	RH	5-7	280	21,206	3.8	802
Ezra M. Martin						
Betty	RH	6-7	305	15,157	5.3	796
Fay	RH	7-4	305	16,286	4.1	673
Curtis E. Akers						
Inka	RH	5-2	305	19,345	4.1	787
Henry & Paul Martin						
Bernice	RH	4-3	305	17,460	4.5	781
Vedalee	RH	6-2	305	16,099	4.0	651
Paul N. Brubaker						
98	RH	3-6	305	18,681	4.2	786
49	RH	4-5	305	19,828	3.7	729
2BS	RH	5-1	305	17,752	4.0	718
John B. Groff						
Velma	RH	3-11	305	18,510	4.2	774
Samuel I. Esh						
Patsy	RH	6-11	305	19,203	4.0	773
John U. Glick						
45	RH	4-9	305	18,919	4.0	764
28	RH	7-1	305	17,732	4.0	712
Moses N. Good						
Martha	GrH	5-8	305	22,837	3.3	762
John M. Harnish						
Milly	RH	8-2	305	22,947	3.6	761
Ellis D. Kreider						
Mae	GrH	11-10	305	19,626	3.9	761
John O. Stoltzfus						
Pet	GrH	4-2	305	20,839	3.6	752
Isaac M. Brubaker						
Paige	RH	9-5	305	18,864	4.0	747
Jacob S. Dienner						
Martha	RH	5-4	303	19,743	3.8	743
Sandy	GrH	6-2	305	17,054	3.8	652
Ivan S Stoltzfus						
Pauline	RH	10-1	305	17,130	4.3	738
J. Clayton Charles						
Glo	RH	5-3	303	17,737	4.1	736
Herbert & Rhelda Royer						
Winding	RH	8-10	300	16,400	4.5	736
Patty	RH	7-8	305	18,034	3.7	662
Harry S. Aungst						
Susie	RH	6-11	286	17,749	4.1	734
Sally	RH	8-9	305	17,015	4.2	715
Taffy	RH	6-10	305	18,424	3.6	656
Arthur D. Wenger						
Speckle	RH	7-0	303	19,480	3.8	733
Katie S Stoltzfus						
Rena	RH	6-6	290	17,463	4.2	730
Willis M. Martin						
Tillie	RH	4-5	305	17,455	4.2	728
David S. Smucker						
Maple	RH	4-3	305	18,443	3.9	726
Harry H. Ranck Jr.						
Minny	RH	4-1	305	22,200	3.3	722
Leon S. Lapp						
Lillie	GrH	8-3	293	17,005	4.2	722
Beulah	RH	7-1	273	17,345	4.0	700
Lester J Wiker						
Daisy	RH	6-3	305	18,472	3.9	721
Ellis R Denlinger						
Martha	RH	7-10	305	17,630	4.1	721
Brinton & Eager						
Ginny	RH	4-3	305	17,750	4.1	720
Enid	RH	6-3	305	16,476	4.1	671
Samuel F Sauder						
Roxy	GrH	5-5	305	21,084	3.4	718
Conewago View Farms						
Hilma	GrH	5-2	302	18,450	3.9	716
Ja Jean Dairy Farm						
Connie 1	RH	10-9	303	19,481	3.6	710
J. Rohrer Witmer						
Till	RBrSw	7-2	305	16,114	4.4	710
C. Robert						
Clio	RH	5-3	305	16,261	4.4	708
Tina	RH	5-10	305	20,805	3.4	702
Robert F & Joan B Book						
Cassie	RH	5-6	305	19,425	3.6	707
Cal	RH	2-6	305	19,287	3.5	669

(Continued On Page 43)

Facts for Dairymen

by N. Alan Bair, Assistant County Agricultural Agent

Dairy Situation

The rapidly rising and extremely unstable feed market in our Lancaster County area is certainly not a very welcome situation. The price of protein feeds is changing drastically from day to day. As anyone knows who watches the local hay market, the price of this rather necessary dairy feed is setting some all-time record highs.

On the other side of the milk bucket, the USDA reports for the first time since 1955 the per capita, as well as the total milk consumption, is increasing. Each person in the U.S. will probably consume an average 562 pounds of milk in all dairy products in 1972, up one per cent from last year's level. It is reported that in the Philadelphia area Class I sales are up. Other areas with strong promotion programs are also reporting increases in Class I sales, plus a big increase in cheese sales.

As a local dairyman, how do these two situations affect you? The solution to this question can only be answered by you.

The price of protein is almost out of your control since this is a national and world situation. Hay prices seem to vary tremen-

(Continued On Page 43)

SEE ME AT THE FARM SHOW

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Main Exhibition Hall.
At the Entrance
To Poultry Exhibits

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Akron	859-2552
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East Earl	445-4131
Mt. Joy	653-1451
Quarryville	786-7381

Facts

(Continued From Page 42)

dously from area to area; so, do some shopping arond before you pay unrealistic prices for high quality forages.

The factor that is under your complete control is your management. Now is the time to put forth all your energies and weigh all decisions carefully. Use every management tool you have available, starting first with your past experience and include programs like production testing, forage testing and farm analysis. Be critical of each of your own farm practices - be sure they are the best solution to the problem in your situation. Make your managing ability the key to your success and not responsbile for your failure.

Check Winter Work List

At Christmas time the kids make a list and check it twice. Joe Taylor reminds us that it is a good time for your dairymen to make a list of winter chores that should be done around the barn before spring farm work takes all of your time

It's up to you to make a list that suits your needs, but here are a couple of suggestions:

1. List cows that need their feed trimmed. It's not the most pleasant job, but will certainly pay big dividends.

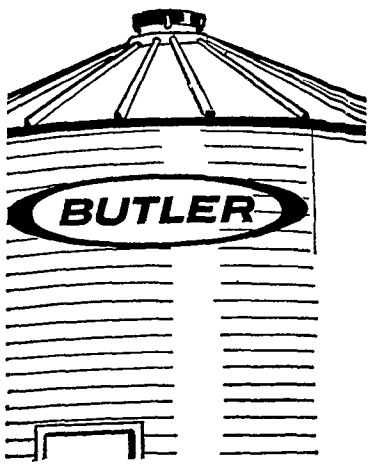
2. Check the milking system. The vacuum lines may need cleaning and inflation replacement may be necessary. Order necessary supplies.

3. Review the sire lists and select sires to be used in 1973.

4. Review records for tax purposes and decide what records you will need to keep for management purposes next year.

5. List barn repairs that should be done during cold weather. Better take care of this list before the cows get out the broken gate or the water pipes freeze.

Your "winter chore" list could be endless so assign some priorities just in case you don't get to your last item before it's time to plant corn.



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Manheim, Pa.
665-2266

DHIA Monthly Report

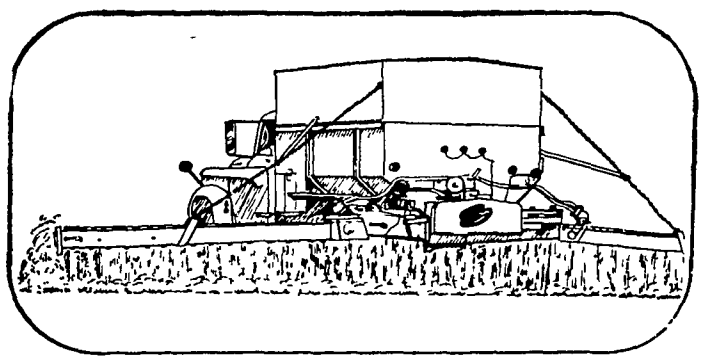
(Continued From Page 42)

Kerby	RH	2-3	297	18,042	3.6	657
Crystal	RH	3-3	305	19,292	3.4	655
Titus B. Stoner						
Snowflake	RH	4-11	305	20,138	3.5	706
Jacob S. Stoltzfus						
Ronda	RH	10-10	305	17,780	4.0	705
Sam & Allen Kreider						
Dellene	RH	5-4	305	17,430	4.0	705
Feather	GrH	6-1	305	15,178	4.4	669
Stephen J. Stoltzfus						
Lydia	GrH	4-0	305	16,212	4.3	704
Jason L. Weaver						
12	GrH	4-8	305	18,715	3.8	703
Dan S. Stoltzfus						
Carol	RH	3-10	305	17,338	4.1	703
J. Harold Musser & Son						
Babe 4	RH	4-5	305	21,655	3.2	701
49	GrH	8-2	305	16,451	4.0	659
Earl S. Weaver						
Pat	GrH	5-2	305	20,341	3.4	700
Kim	GrH	4-0	305	14,199	4.7	664
Samuel M. Augsburger						
Sarena	RH	8-1	290	13,957	5.0	699
Edward S Glick						
14	RH	3-4	305	17,877	3.9	698
5	RH	4-8	305	19,762	3.3	650
Reuben Z Smoker						
Rose	RH	6-10	305	13,940	5.0	696
J. Douglas Martin						
Jane	RH	4-2	303	18,681	3.7	695
Edgefield Farms						
Abbie	RH	9-11	305	17,980	3.9	694
Carol	RH	5-0	286	16,483	4.1	674
G.M Weaver						
46	GrH	10-7	305	19,789	3.5	693
3	GrH	3-8	304	15,499	4.4	679
Lester M. Weaver						
69A	RH	5-1	305	17,633	3.9	693
Aaron B. Lantz						
Josphin	GrH	3-3	305	17,092	4.1	693
Silvia	RH	6-7	289	16,610	4.1	674
C. Witmer Sherer						
Jonita	RH	4-7	305	19,094	3.6	692
Henry E. Kettering						
Della	RH	4-5	301	18,714	3.7	690
Sue	RH	6-6	305	19,679	3.4	668
John R Sauder						
Whitie	GrH	5-3	305	16,358	4.2	689
Richard H. Hess						
Amy	RH	5-3	305	18,964	3.6	685
Nelson E Martin						
Pat	RH	3-3	305	18,557	3.7	684
John S Yost						
Maiden	RH	4-3	305	15,721	4.4	684
Raymond & Louise Witmer						
Connie	RG	5-11	305	13,425	5.1	681
Henry S. DeLong						
137	RH	3-4	305	16,948	4.0	679
Walter E Mowrer						
39	RH	4-4	305	17,791	3.8	678
40	RH	9-2	305	18,130	3.6	661
Elmer H Weber						
Dolly H	GrH	3-4	305	15,921	4 3	678
Kreider & Trimble						
58	RH	4-11	305	15,533	4.4	678
John J. Lapp						
Laura	RH	3-7	278	14,572	4.7	678
Linda	RH	6-5	305	19,246	3.4	650
Elvin Hess Jr.						
Janice	RH	8-11	305	15,871	4.3	676
Red Rose Research Center						
Cathy	RH	5-0	305	18,010	3 7	675
Jay C. Garber						
Eatsy	RH	7-1	293	14,927	4.5	674
E Richard Bruckhart						
Fanny	RH	5-0	305	17,245	3.9	673
Earl Smoker						
Sally	RH	5-1	298	15,063	4.5	671
Wilmer G. Kraybill						
Benn	RH	9-2	305	14,294	4.7	671
Raymond W. Burkholder						
12	GrH	5-10	305	18,376	3.6	670
William J. Aaron						
Blossom	RJ	5-2	305	10,934	6.1	669
Amos E. King Jr.						
Lucy	RH	2-5	305	16,832	4.0	668
Ralph Myer & Sons						
Ellen	GrH	7-3	289	18,644	3.6	666
Raymond M. Weaver						
24	RH	5-4	305	17,390	3.8	666
Raymond M. Weaver						
24	RH	5-4	305	17,390	3.8	666
David L. Landis						
Donna	RH	3-0	305	16,896	3.9	663
Charles Tindall						
Laddie	GrH	5-2	305	15,790	4.2	661
Paul N. Brubacher						
36	RH	5-2	305	17,287	3.8	660
Christ E. Stoltzfus						
Doris	GrH	6-7	305	17,540	3 8	658
Mamie	GrH	4-11	305	18,166	3.6	652
H Richard Hershey						
Jennie	RH	9-7	305	16,754	3.9	758
John C. Metzler						
Florence	RH	3-9	305	15,886	4.1	657
William F Guhl						
50	GrH	6-1	305	18,236	3.6	655
C. Nevin Hershey						
Pansy	RH	4-11	305	17,062	3.8	654
Paul H & Marvin Herr						
Sandy	GrH	5-2	305	10,635	6 1	654
V Ferry Rohrer						
Gail	RH	6-6	305	20,689	3.2	652
John P Lapp						
Lin	RH	2-3	305	17,362	3.8	652
Daniel S Esh Jr						
Jan	GrH	4-6	305	19,483	3.3	651
Robert C. Groff						
Joyce	RH	5-3	305	17,734	3 7	651
William H. Douts						
Hope	RH	6-11	305	17,397	3.7	651
Reuben L. Stoltzfus						
Lyons	RH	7-5	305	16,645	3 9	651
James Hackman						
Ruth	RH	6-2	305	17,773	3.7	650
Allan R. Shoemaker						
Archie	GrH	7-1	305	14,788	4.4	650

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
Curtis E Akers							
	R&GrH	30	57 7	96 5	50.3	4.0	2.02
John P Lapp							
	R&GrH	31	37.7	95.3	50.0	3 9	1.96
Aaron E Beiler							
	RH	28	22 0	89 0	44 3	4 3	1.90
Titus B Stoner							
	R&GrH	27	35 0	94 3	51 8	3 6	1.88
Earl N Landis							
	R&GrH	29	49 9	83.1	48.7	3 8	1.84
Mervin Nissley							
	R&GrH	29	33 2	92 6	43 8	4 1	1.79
Paul V. Nissley							
	R&GrH	31	49 1	94 0	46 5	3 8	1.78
Abner K Glick							
	R&GrH	27	31 4	95 8	48 4	3.7	1.78
Robert L Weaver							
	R&GrH	28	35 8	92 1	42 2	4 2	1 77
Albert E Fry							
	RH	30	31 0	89 7	45 5	3 8	1.75
Allen Lee Stoltzfus							
	RH	24	35 1	82 9	41 8	4 2	1 75
Lloyd Wolf							
	R&GrH	31	56 6	79 0	40 8	4 3	1 74
John B Stoltzfus							
	R&GrH	28	31.8	87 3	42.4	4 1	1.72
Clyde W Martin							
	R&GrH	31	86.9	84 8	43 5	4 0	1.72
John L. Landis							
	R&GrH	29	82.1	91 2	45 8	3 8	1.72
R Edwin Harnish							
Mix		30	39.0	91 2	42 2	4 1	1.72
John U. Glick							
	R&GrH	33	52.5	92.1	44 6	3 9	1.72

APPLY LIME ON FROZEN GROUND



Don't hesitate to apply lime, even if the ground is frozen. The freezing and thawing action of Winter helps disseminate the lime, assuring you a properly balanced soil, ready for Spring plowing. And remember, liming pays in **extra** bushels and tons of crops and forage.

MARTIN'S LIMESTONE

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FFA Members

(Continued From Page 41)

Robert Shuey
Northern Lebanon FFA

during Farm Show activities. He showed corn in the County contest for several years and has placed in several categories. He attended the National FFA Convention at Kansas City

His projects include one dairy cow and three dairy heifers, four sows, three gilts, three boars and 40 fattening pigs. Crops projects include 10 acres of corn, four acres of wheat, eight acres of oats and eight acres of barley

Jeffrey Werner, son of Mr and Mrs. Lewis M Werner, Fredericksburg RD1, is a senior at Northern Lebanon High School

The Werner's live on a 400-acre dairy and beef farm. Jeffrey has exhibited dairy cattle at the Lebanon Community Fair, Southeastern Regional Dairy Show, the Pa Junior Dairy Show, and judged dairy cattle at Penn State He has also judged beef

Jeffrey Werner
Northern Lebanon FFA

cattle

Jeffrey has been a member of the first-place parliamentary procedure team, County public speaking winner on soil conservation, a winner in several tractor driving contests, won awards in County corn contests, and placed in land judging. He was a recipient of the Lebanon County Farmer degree. He was a County delegate at the Penn State FFA summer convention, and also attended the National Convention.

His projects now include eight dairy animals, four beef animals, five acre of wheat, five acres of barley and 10 acres of field corn.

He has served as assistant sentinel, assistant reporter and is now Chapter vice-president as well as County sentinel. He is a member of the Trinity United Methodist Church.

Calvin Hostetter, son of Mr. and Mrs. Dale Hostetter, Annville, is serving as secretary of the Lebanon County FFA Chapter and is president of the Little Dutchman FFA Chapter at Annville-Cleona High School.

Calvin has participated in County and State dairy judging contests. He placed third in County competition and received a silver award for State dairy judging. He received the Greenhand Degree, the Chapter Farmer Degree, and the County Farmer Degree. He has served on various committees, including the awards and banquet committees. He attended the National FFA Convention in Kansas City.

He has been a member of the National Honor Society for three years and has been elected president of the Annville-Cleona Chapter. He plans on continuing in farming.

Calvin Hostetter
Little Dutchman FFA

Daniel Hogeland, Newmanstown RD1, is the son of Mr. and Mrs. Daniel Hogeland. He is chaplain of the Lebanon County FFA Chapter and vice-president of the local Chapter at Eastern Lebanon High School.

Daniel was a member of the State FFA band for four years. He has served as Chapter assistant treasurer and was president of the parliamentary procedure team.

He expanded his farming program each year. As a senior, his farming program consisted of eight acres of tomatoes, one acre of potatoes, seven acre of carrots, 30 acres of corn, five acres of cucumbers, five acres of alfala, eight acres of barley, five acres of wheat and seven acres of pumpkins, farming a total of 76 acres. He has one sow and 12 feeder pigs.

In school, he is building an elevator.

George Manbeck
Conrad Weiser FFA

Berks County

George Manbeck Jr is a senior at Conrad Wiser High School. He is the son of Mr. and Mrs. George Manbeck Sr, Womelsdorf RD1.

This year George is serving as vice-president of the Conrad Weiser FFA and is Chapter delegate to the Berks County FFA. His FFA experience includes serving a term as Chapter reporter and serving on numerous committees.

George has received the Greenhand Degree, Chapter Degree, and the Berks County Degree. He was also named the Star Chapter Greenhand.

His occupational experience program for 1972 consisted of 10 dairy animals, five fattening swine, five acres of corn, five acres of hay and three acres of wheat.

Upon graduation from high school George plans to enter into a farm corporation with his father and brothers.

Richard Kurtz
Twin Valley FFA

Richard Kurtz, 18 year old son of Mr. and Mrs. Mahlon Kurtz, Elverson RD1, graduated from Twin Valley High School last spring. He is currently employed by his father, owner of Kurtz' Fish Hatchery.

Richard rents two quarter-acre ponds from his father and raises fathead minnows for his project. Each of these ponds is capable of producing over 20,000 minnows each year.

Richard served the Twin Valley FFA Chapter as reporter in both his junior and senior year and as chaplain his sophomore year. He was a member of the cross-country team for four years, the junior varsity and varisty basketball teams for four years, and the track team for three years. He participated in the Berks County parliamentary procedure contest for three

(Continued On Page 45)

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FFA Members

(Continued From Page 44)

years, was a livestock judge at FFA Week at Penn State, judged in the County livestock judging contest, and received Foundation medals in livestock and fish and wildlife management. He served as chairman of the Inter-Chapter activities committee and was a member of the banquet committee. He is also a member of the Monteray Church youth group.

Richard plans to continue in the fish business with plans to eventually own his own fish farm.

Wayne Stanton
Oxford FFA Chapter

Wayne Stanton is president of the Oxford FFA Chapter at Oxford Area High School. He has held the offices of assistant secretary and secretary in his local Chapter, and also serves Chester County as secretary.

Activities in the Chapter include parliamentary procedure team, State FFA days at Penn State, leadership school, and patroling Christmas trees and Citrus Fruit sales. He attended the National FFA Convention in Kansas City in October.

During the past three years, his farming projects have consisted of dairy animals, corn and hay.

Robert Tercha
Brandywine Heights FFA

Robert Tercha, a senior at Brandywine Heights Area Senior High School in Topton, is serving his local Chapter as president and is sentinel of the Berks County FFA Chapter.

Robert was Chapter president during his junior year and vice-president as a sophomore student. He previously served as correcponding secretary of the Berks Chapter. He attended the National FFA Convention in Kansas City.

He exhibited beef and swine at the Allentown, Reading, Kutztown, and Oley Valley Community Fairs. He also entered exhibits in corn, small grains and vegetables in the fairs.

In the Berks County FFA program he is active in the corn and forage contests and has been a contestant in the land judging program. He is a member of the Topton Pioneer Grange and the Berks County Pork Producers. He is also a member of the Bowers United Church of Christ.

After graduation he plans to farm in partnership with his father, Stanley Tercha, on the 280 acre home farm in Longswamp Township.

Nevin Mast
Twin Valley FFA

Nevin Mast is the 17 year old son of Mr. and Mrs. Levi W. Mast of Phoenix, Arizona, formerly of Oley. Nevin is president of the Twin Valley FFA Chapter. He previously served the Chapter as vice-president, and is also vice-president of the Berks County FFA.

Nevin received the Greenhand degree, Chapter Farmer Degree, and the Berks County Degree. He has been active at Twin Valley in chorus and Student Council. He served as vice-president of his Sunday School class and has been active with his Church youth group.

He exhibited animals at the Kutztown Fair. He also participated in local, county, area and regional public speaking contests, placing second in county, third in area and fifth in regional contests. He took first place in the Berks County FFA Dairy Judging Contest in 1971 and second in 1972.

His farming program has consisted of swine fattening and dairy animals. He presently has six head of cattle. He recently was selected as the second place winner in the Berks County Elks Club Youth Leadership Contest.

Nevin hopes to operate and eventually own his fathers farm, which is currently being rented to an uncle due to his fathers ill health. He plans to run for State FFA office, and would like to continue his education in the dairy husbandry field.

Donald Christman
Kutztown FFA Chapter

Donald Christman, son of Mr. and Mrs. Earl R. Christman, Maxatawny, is a senior vo-ag student at Kutztown Area High School.

Donald received the Greenhand Degree, Chapter Farmer Degree, and Berks County Degree. He has held the offices of assistant reporter, reporter, vice-president, County delegate, and parliamentarian He won the National FFA Foundation Medal in Home Improvement and poultry, a silver medal in the State project book contest, and placed in County corn contests He has been a dairy exhibitor at the Kutztown Fair, and judged in the the dairy judging contest at Kutztown Fair for three years. He also participated in the dairy judging contest at Penn State during FFA Activities Week, and took seventh place in the farm mechanics contest during FFA Week

His supervised farming program has consisted of dairy animals, field corn, garden, and Home Improvement

James Stein
Governor Mifflin Chapter

James Stein, son of Mr. and Mrs. Howard Stein, Mohnton, is a 1972 graduate of Governor Mifflin High School He has served the Governor Mifflin FFA Chapter as vice-president and president, as well as Berks County FFA vice-president.

James represented the Governor Mifflin Chapter in several County contests including the public speaking and parliamentary procedure contests. He was a floriculture contest entrant in the State FFA contest at Penn State during FFA week.

His production enterprises included chrysanthemum production, sheep raising, and a gardening enterprise. He is currently employed by Stein's Flowers at Mohnton and plans to start his own flower production enterprise.

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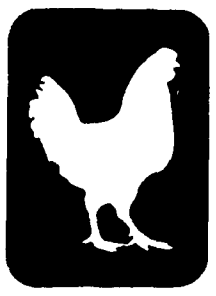

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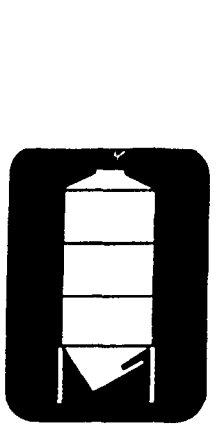

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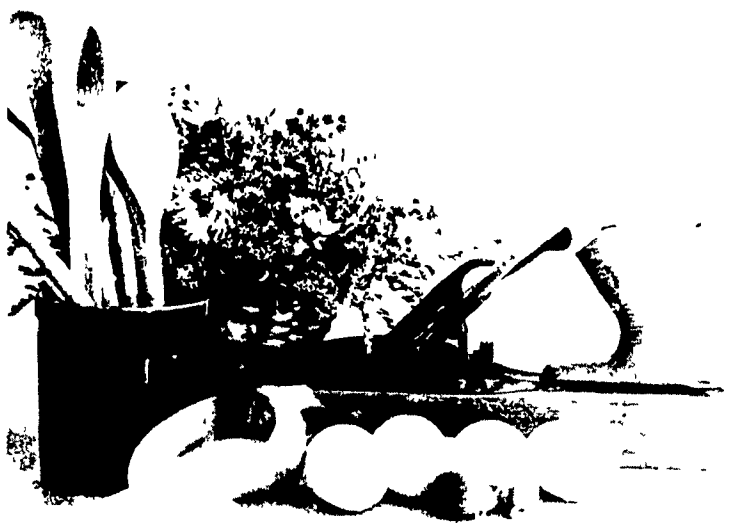
Homestead Notes

Pat Erway, Editor



Mrs Robert Greiner....

Exhibiting at Farm Shows is Fun for Sandy

By Mrs. Charles McSparran
Farm Feature Writer

Many people throughout the Commonwealth of Pennsylvania and even other states and other countries are making plans to see the 57th Pennsylvania Annual State Farm Show next week but behind the scenes this week many Pennsylvanians are polishing, grooming, selecting, sorting and packing their exhibits and getting them there on time

One lady from Lancaster County who will be exhibiting in the Home Economics Department for the eighth year is Mrs Sandy (Robert) Greiner of Manheim She says "I'm grateful that the Lancaster County Extension Office takes exhibits to Harrisburg for the Farm Show" This does give an opportunity for many women to send their exhibits of canned and dried fruits and vegetables, canned meats, jellies, jams, baked goods clothing and home related arts

Mrs Greiner says "I like doing it My ultimate goal is to get a rosette for Best of Show at the Pennsylvania Farm Show I do it for self accomplishment" Sandy will take a canned fruit and a canned vegetable display A display is five jars, each jar containing a different kind She will also take canned tomatoes, snap beans, corn and beets In baked goods she will take white bread, white yeast rolls, white, yellow and chocolate butter cakes, angel food, chiffon and a sponge cake

Sandy, who probably takes after her grandmother who exhibited at fairs, also exhibits at the five Lancaster County fairs She took at least 100 entries to each fair last year She had 60 to 75 jars of canned vegetables and fruits, 30 baking entries and jellies, canned meat, chicken and sausage She has been exhibiting at county fairs for at least ten years She exhibited at the Manheim, Ephrata and New Holland fairs the longest She took to them canned goods, baked goods, sewing, art work and some fresh vegetables She took baked and canned goods, sewing and flowers to Lampeter Fair and last year took canned and baked goods to the Southern Lancaster County Community Fair She won over 200 ribbons at the 1972 fairs. She has well over 1,000 ribbons that she has accumulated so far

Mrs. Greiner designed and made these felt wall hangings and scissor cutting pictures. She also painted the varicolored picture in the background. It is a study in designing color.

Sandy canned over 200 quarts of fruits and vegetables, including pickles of the mustard, green tomato and kosher dill varieties, bread and butter and sweet mixed pickles, corn relish, sweet pickle relish, chili sauce, catsup and stewed tomatoes and froze about as much or more than she canned She made over 50 jars of jam and jellies

It is interesting to note that she spent about $50 for baking supplies for the five county fairs but won about $225 in prize money Her supplies add up to seven boxes of cake flour, 30 pounds of all-purpose flour, 25 dozen eggs, 30 pounds of sugar, 25 boxes of 4X sugar, two boxes of chocolate, two large bottles of vanilla, two gallons of milk, one large can of baking powder, one large box of baking soda, three pounds of brown sugar, one dozen packs of yeast, nine pounds of vegetable shortening, five pounds of butter, 10 or 15 pounds of apples, nuts, coconut and chocolate bits.

Greiners used to have a garden but lately have not and Sandy buys her vegetables, either at market or from farmers.

Sandy says "I love working with flowers" She has turned her vegetable garden into a flower garden and has a lot of annuals and perennials. She is adding an herb garden this year. Among the flowers she grows are creeping phlox, fire pokers, pinks, cat and kittens, verbenas, sweet alyssum, petunias, ageratum, marigolds, geraniums and mums.

Sandy works at Pam's Posey Shop, Manheim, somewhere between 10 and 20 hours a five-day week. She works 9:30 to 11:30 a m three days a week in the shop, then runs deliveries She designs arrangements and sets up for weddings.

She has a stand at Root's Country Market and Auction, Manheim RD1, from 11 a.m or noon to 9 p m every Tuesday She sells candles, candle rings, wooden gift items including compotes, candle holders and scones, a full line of Pennsylvania Dutch items, jewelry, tea towels, place mats and pot holders. She also sells items that she makes such as stained glass sun catchers or window blind pulls, oil paintings, felt wall hangings, floating, votive and chunk candles which are scented and colored

Sandy has been oil painting since she was in junior high school and belonged to Heintzlman art group in Manheim. She lost a lot of paintings and equipment at Root's fire last year. She started to make stained glass and candles just within the past year.

She started another craft recently, Scheren Schnitte or scissor cutting It is an old Pennsylvania Dutch art. Claudia Hopf wrote a book on this art and did a demonstration on it at Park City These designs are cut on colored paper then put on a mat and framed. Sandy will also sell them.

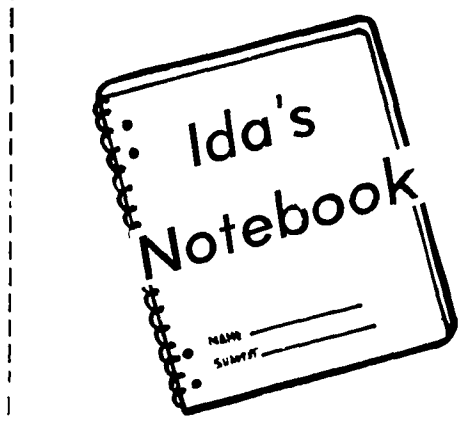
Sandy designed some wall hangings in felt and exhibited at the Pennsylvania Farm Show last year.

She took home economics in seventh and eighth grades and learned to sew She took three Extension courses in tailoring. She tailors suits, coats and custom draperies She makes clothes for herself and did some tailoring for a friend. She plans to make draperies for her home this winter She also has entered clothing she made at the Pennsylvania Farm Show.

Sandy says "I have to have my hands busy"

(Continued On Page 48)

Mrs. Sandy Greiner, Manheim, shows some of the jars of fruit and vegetables and a cake she will enter in competition next week at the Pennsylvania Farm Show. A few of her ribbons from former years are shown. In background is a stilllife oil painting she painted. She also made the lavender pant suit she is wearing.



Ida Risser

This past holiday season our college-age son spent part of his vacation with us and part of it working in a laboratory at Penn State

He and his boyfriends have managed very well in their apartment and with their housekeeping chores We visited them on his birthday and took a cake and a freezer of ice cream plus some other "goodies". Their refrigerator was better stocked than mine and Jeff gained 15 pounds in two months. Of course, part of this gain could be from lack of hard work such as his summer job in a stone quarry

The three fellows are quite amiable and share cooking chores and clean-up jobs too. We parents are quite pleased with them.

xxx

There was one big box under our Christmas tree which really intrigued our 12-year-old boy. He couldn't figure it out until the package was opened. It is a hockey-type game which proved to be quite exciting and his big brothers, who gave him the gift, enjoyed it as much as the younger ones The only problem is its size, as a big table space is needed to use it

Children can be quite blunt. As our Christmas tree this year didn't have a nice shape, they told me we certainly helped the ecology movement by removing an ugly tree from area. We had topped an evergreen that was growing where we didn't want it to be

We've eaten most of the 15 varieties of cookies which we baked and most of the 60 gallons of cider, which my husband had made, has been given away or frozen for next summer.

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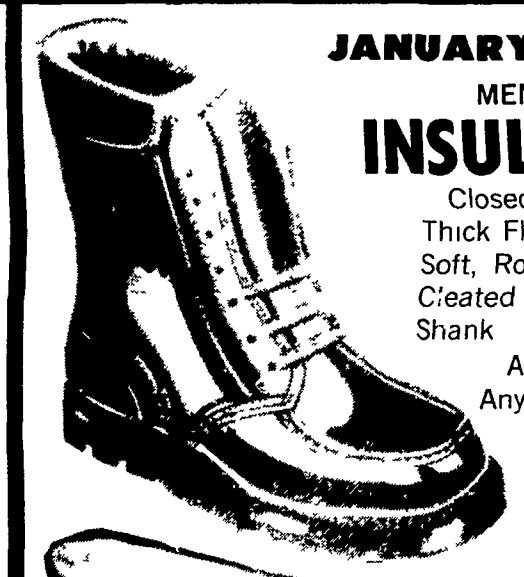

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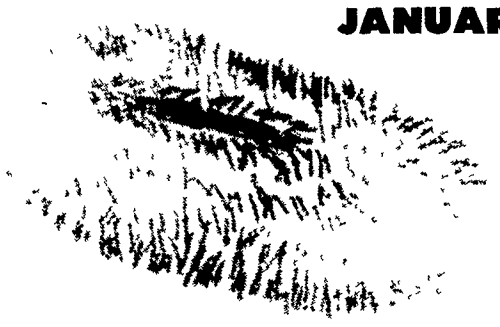

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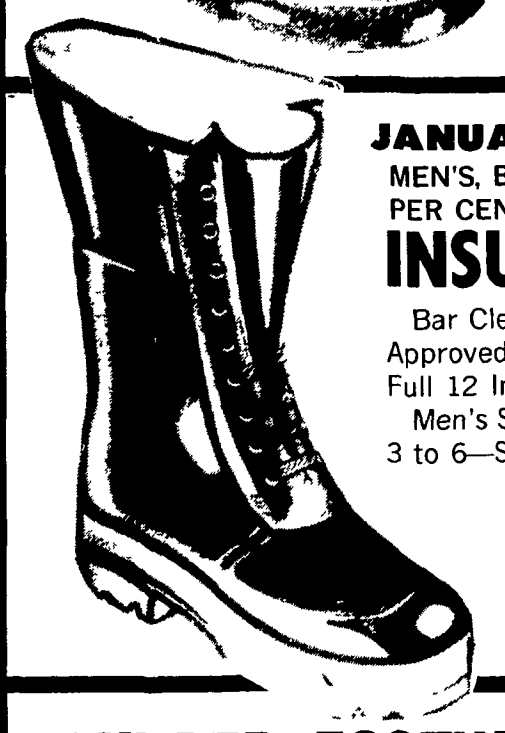

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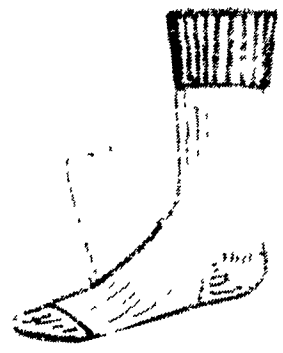

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Men's 2 Buckle **WORK RUBBERS**	**$4.98**
Men's Regular $9.98 **SNOW-MOBILE BOOTS REDUCED TO**	**$6.98**
Men's 17 inch, **OVER THE SHOE, WORK BOOTS**	**$6.98**

Mrs. Greiner

(Continued From Page 46)

She does all her own housework. She finds time to paint the inside of their house. She embroiders and makes crewel pillow tops.

Mrs Greiner was a Cub Scout Den Mother a short time, before she had her market stand. She has been working with Manheim Rec Center for one-and-a-half years. She is there one night a week. The Jaycees of Manheim have given money and the merchants donated supplies and paint. Thirty-five young people came out to clean the interior of the VFW Building and again to paint. It is now ready for opening and will provide a place in the evenings for the young people to be to themselves and relax. The center will have ping pong, a juke box, snack bar, books, pool table, chess and checkers.

Sandy, the daughter of Mr. and Mrs. Millard Metz of Manheim was born in Alexandria, Louisiana and grew up in Florida She graduated from Palm Beach High School. There she specialized in art, science and music. She sang in their top-rated choir.

Robert, the son of Mrs. Mary Greiner, was born and raised in Manheim and graduated from Manheim Central High School. He works for T & B Electric in Manheim. He has just finished the basement of their home.

Greiners have three children. Robbie is 11 and attends Steigel Elementary School. He has a paper route in Manheim. He gets up at 5:30 a.m. week days and 4:30 a.m. Sundays to deliver papers His father takes him to deliver 130 Sunday papers. His mother helps him when it's stormy on week days. He traps for muskrats He likes to target shoot and likes baseball, football and wrestling. He was in Boy Scouts He's an animal lover. He has had as pets a garter snake, iguana (lizard), chameleons, rabbits, chickens and a cat.

Tina is nine and attends Steigel Elementary School. She is taking baton twirling. She is in Girl Scouts.

Mrs. Greiner makes these wall hangings. She also made the candle in the background.

Michelle is four-and-a-half years old and attends Zion Lutheran Church Nursery School.

Mr. and Mrs. Greiner belong to Zion Lutheran Church, Manheim.

Sandy bowled last year in the WIBC Women's league.

She collects sea shells, oriental china pieces, post cards and charms. She has 200 or more post cards and over 50 charms.

Greiners do a lot of traveling. They started out camping in a tent. Now they have a camper. They often travel 400 miles a day. They don't like to stay long at one place when they travel. They have traveled from Portland, Maine to Key West, Florida and as far west as Salt Lake City, Utah. They have been in two Canadian provinces. Some places of interest they have been to are the Bad Lands, Craters of the Moon, Yellowstone, Pikes Peak, the Great Smokies and the Everglades.

Sandy likes to cook. She says "I like to try new things." Here are some of her favorite recipes.

xxx

Southern Pecan Pie

3 eggs
2-3 cup sugar
1 cup dark corn syrup
1-3 cup melted butter or margarine
1 cup pecan halves
1 9-inch unbaked pastry shell

Beat eggs thoroughly with sugar, dash of salt, corn syrup and melted butter. Add pecans. Pour into unbaked pastry shell. Bake in moderate oven (350 degrees) for 50 minutes or till knife inserted halfway between outside and center of filling comes out clean. Cool.

xxx

Cranberry Nut Bread

In a one cup measuring cup put:
Juice and rind of 1 orange
2 tablespoons melted butter
Boiling water to fill the 1 cup measure
Add 1 egg
Stir in:
2 cups flour
½ teaspoon soda
¾ teaspoon salt
½ teaspoon baking powder
1 cup sugar
Mix well. Add:
1 cup chopped nuts
1 cup chopped cranberries

Pour batter into a bread pan and bake at 325 degrees for approximately one hour.

xxx

The Champion's Silver Cake

3 cups sugar
1 cup butter
6 egg whites
2 cups milk
¼ teaspoon salt
4 teaspoons baking powder
1 teaspoon vanilla
5 cups cake flour

Beat the butter and sugar until very light and creamy. Add the milk alternately with the flour with which the baking powder has been sifted in the last cup of flour. Beat thoroughly, before adding the baking powder, then add the well beaten whites of eggs. Bake about 40 minutes in three 9-inch layers. This will make a large cake. Can also be baked in a large loaf pan. Bake at 350 degrees.

xxx

Danis Pastry
Apple Bars

2½ cups sifted all-purpose flour
1 teaspoon salt
1 cup shortening
1 egg yolk
1 cup cornflakes
8 to 10 tart apples, pared and sliced (8 cups)
¾ to 1 cup sugar
1 teaspoon ground cinnamon
1 egg white

Combine flour and salt; cut in shortening. Beat egg yolk in measuring cup; add enough milk to make 2-3 cup liquid. Mix well. Stir into flour mixture. On floured surface, roll half the dough to 17 x 12 inch rectangle; fit into and up sides of 15½ x 10½ x 1 inch baking pan. Sprinkle with cornflakes; top with apples. Combine sugar and cinnamon; sprinkle atop. Roll remaining dough to 15½ x 10½ inch rectangle; place over apples. Seal edges; cut slits in top. Beat egg white till frothy; brush on crust. Bake in 375 degree oven 50 minutes. Combine one cup sifted powdered sugar and three to four teaspoons milk; drizzle on warm cookies. Makes three dozen.

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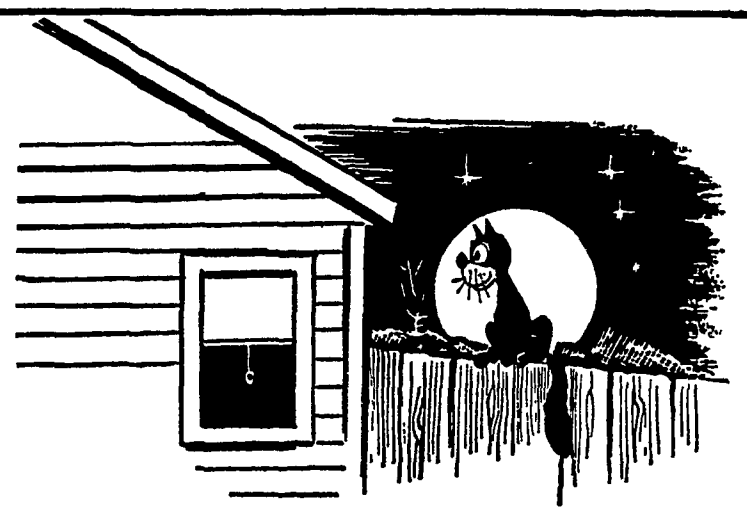

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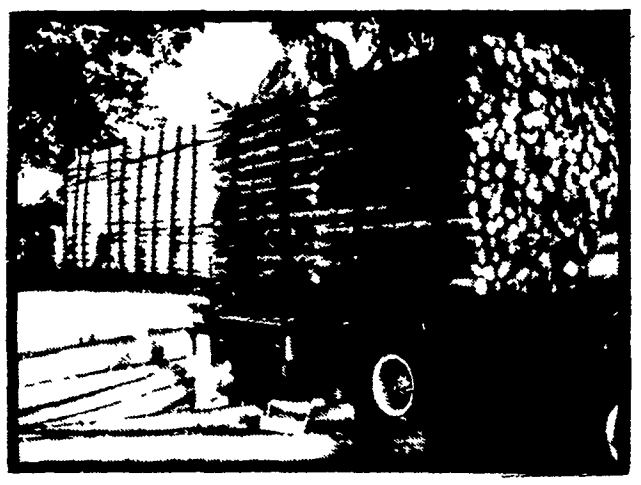

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Recipe Exchange . . .

Home on the Range

Probably most of you are thinking ahead to one or more projects you want to undertake in the cold winter months ahead. Maybe it will be crocheting or knitting a sweater or afghan, or embroidery work, or some new craft you've been wanting to try. Or doing the many things so easily put off - mending, painting, paperhanging . . .

The cold blustery days are good ones for trying new recipes. The aromas coming from the baking of bread or rolls, cakes or cookies, when the family steps in from doing the chores or school is a warm greeting indeed.

Why not send some of your recipes to share with other readers? You'll receive a potholder for your efforts. Send recipes of your choice to: Recipes, Lancaster Farming, Box 266, Lititz, Pa. 17543.

Buttermilk Chocolate Cake

Sift together:
1½ cups sugar
2 cups flour
½ cup cocoa
Add:
1½ cups buttermilk or sour milk
½ cup shortening
1½ teaspoons soda dissolved in a little hot water
Add vanilla flavor
Bake in moderate oven.

Miss Elva Stauffer
R.D.2
New Holland

xxx

Basic Sweet Roll Dough

2 tablespoons yeast
½ cup warm water
1½ cups lukewarm milk (scalded and cooled)
½ cup sugar
2 teaspoons salt
2 eggs
½ cup shortening (softened)
7½ cups flour

Dissolve yeast in warm water Stir in remaining ingredients except add only half of the flour Mix with spoon until smooth; add rest of flour, knead till it handles easy. Knead until smooth. Cover and let rise in warm place until double. Punch down.

Roll out to one-third inch thickness Spread with melted butter. Sprinkle with brown sugar and cinnamon; roll like jelly roll. Cut in half-inch slices.

Make syrup. Put in bottom of pan. Place dough on top. When finished baking, turn upside down on aluminum foil, then syrup will be on top.

Syrup

Mix:
2-3 cup margarine
1 cup brown sugar
4 tablespoons molasses

Mix well and spread in bottom of two 13x9x4½ inch cake pans. Sprinkle one cup nut meats on top of syrup, then place buns over syrup

Mrs. Amos R. Zimmerman
R D.2
Ephrata

xxx

Corn Meal Rolls

2 cups milk
½ cup cornmeal
¾ cup sugar
½ cup shortening
1 teaspoon salt
1 package yeast, dissolved in 1 cup water
2 beaten eggs
5¼ to 5½ cups flour (all whole wheat or part white and whole wheat)

Cool milk and cornmeal, add sugar, shortening and salt. Let cool to lukewarm, then add yeast water and eggs. Add flour Knead well.

Let rise until double in bulk. Form into rolls shape desired. Bake at 425 degrees for 20 minutes

Mrs. Melvin Charles
R.D.1
Washington Boro

xxx

Grandmother's Pudding

Slice pared apples in a baking dish

Make crumbs of·
1½ cups oatmeal
1½ cups brown sugar
½ cup melted butter
¾ cup flour
1 teaspoon baking powder
½ teaspoon soda

Put crumbs on top and bake until golden brown Serve hot with milk.

Ruth Hoover
R D 2
Ephrata

xxx

Bread

Combine 3 packages dry yeast and 1 teaspoon sugar in 1 cup lukewarm water; stir and let stand.

In another bowl, mix 6 cups lukewarm water, 1 cup sugar, 1 heaping tablespoon salt, 1-3 cup melted vegetable shortening. Add yeast mixture to this

Add·

3 quarts flour, beat well (I use mixer) Add enough flour so you can work with hands (It takes over a quart) Work 15 minutes, or until smooth Cover with cloth and let set until double Work down, let rise again

Put in pans Let rise till double Bake at 350 degrees for 30 minutes Makes 7 loaves

Mrs. Willis Nolt
R.D.1
Peach Bottom

xxx

Shoo Fly Pie

2 cups molasses Beat in: 1 egg
2 cups hot water
¼ teaspoon salt
1 cup brown sugar, (scant)

(Continued on Page 51)

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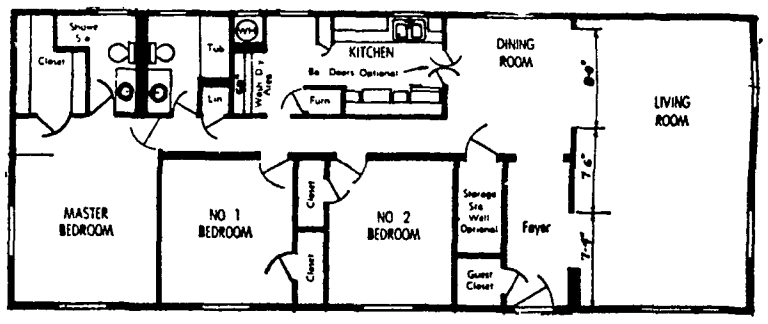

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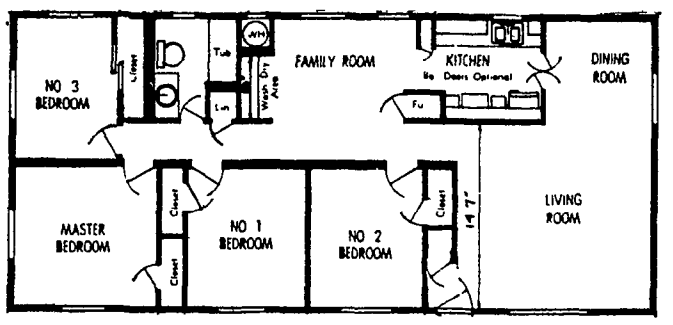

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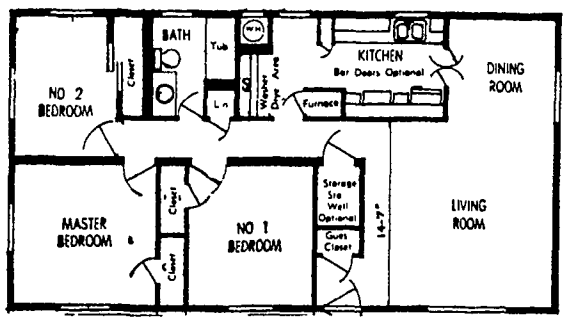

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Ladies, Have You Heard?

By Doris Thomas, Extension Home Economist

Doris Thomas

Let Teens in on Family Finances

Do your finances carry the "top secret" label? Are budgeting, bill paying, and financial planning strictly the business of mother and father? That may be wise if your children are in the "talkative stage." It's important that teenagers have a general idea of the family money matters.

Teens should be in on financial planning because it gives them practical experience in money affairs. They'll learn that there are bills to be paid, that food, housing, clothing and keeping healthy costs money. Too often, young people have no idea of the realities of finances until they get married. They don't know anything about insurance, budgeting, savings, taxes, loans and other financial matters. This ignorance may be the reason so many young marrieds get into difficulties by overspending.

Also, as a teenager realizes that much of what Dad or Mom earns must go for the necessities of life, he may cut down on his demands for luxuries and extras. If he doesn't know the financial picture, he finds it hard to understand how all the earnings may have to go for the family's basic needs.

Some parents don't think it's fair to burden a teen with financial problems. Really - it isn't fair to leave him out. Explain to him that family finances are strictly "top secret" family business - then let him become a part of the team.

Tips on Keeping No-Stick Cookware Clean

Among the many miracles in the modern kitchen are cookware and electrical cooking appliances with no-stick interior coatings. The advent of non-stick surfaces signaled a new easy-care concept in cooking and the elimination of scraping, scrubbing, soaking and scouring to remove sticky and burned-on foods.

Today, there are two types of non-stick coating available, one of which is tougherthanthe other. Generally, the newer cookware and electrical appliances have the heavy-duty interior finish which is more scratch-and abrasion-resistant. Smooth-edged metal spoons and spatulas may be used safely, if they are not dug into the finish. However, knives, forks, rotary beaters, and food choppers should be avoided as the f·ish could be scratched. Mino· ·tching affects only the appe·ance, however, and not the non-stick quality of the finish.

Cookware and appliances with the regular, as opposed to the heavy-duty, non-stick finish should be used only with plastic, rubber or wooden utensils. Before purchasing, read the labels and hangtags which describe the product. Then follow these use and care recommendations for years of carefree cooking service.

Before using for the first time, wash the unit in hot suds with a sponge or dishcloth to remove any manufacturing oils. Rinse in hot water and dry.

Then "condition" the cooking surface to insure stick-free cooking. Lightly apply a little cooking oil to the finish with paper toweling or a soft cloth. This treatment is especially important for skillets and griddles and should be repeated from time to time. An exception to this rule is a tubed cake pan when it is used for angel food cake, because the batter must cling to the sides of the pan during baking. If the pan is used for anything else, condition it first.

Clean after every use, letting the pan or appliance cool before cleaning. To handwash, use hot sudsy water. A plastic pad - not metal pads or scouring powders - should be used on the non-stick surface. This will remove any residue or grease that might settle into the porous finish and cause stains and possible damage to the non-stick property. Rinse thoroughly in hot water.

Eventually, with use, the finish may discolor. Minor stains have no effect on performance, but grease buildup, usually due to improper cleaning, may lesson the effectiveness of the non-stick quality. Stains may be treated with a commercial cleaner for non-stick finishes, following the directions carefully. After treatment, let the cooking utensil cool and then wash thoroughly in hot suds and rinse. Dry and recondition the finish with cooking oil.

A spotty white film indicates an accumulation of minerals from water. To remove, use a soft cloth saturated with lemon jucie or vinegar and rub the finish. Again, the piece must then be washed and reconditioned.

Grease spatters on the outside of cookware can be removed with scouring powder, a soap filled steel wool pad, or a special cleaner for appliances.

Farm Women Calendar

Monday, January 8

54th Annual State Farm Women Convention, Harrisburg, January 8 and 9.

Thursday, January 11

12:30 p.m. — Farm Women Society 9 meeting, home of Mrs. Charles Fink, Pequea RD1.

Friday, January 12

7:30 p.m. — Farm Women Society 13 meeting, Stauffers of Kissel Hill, Lititz Pike.

Saturday, January 13

1·30 p.m. — Farm Women Society 19 meeting, home of Mrs. Irvin Denlinger, 2854 Yellow Goose Road.

1·30 p.m. — Farm Women Society 25 meeting.

Farm Women Society 2 meeting, home of Mrs. Earl Petticoffer, 421 Woodcrest Ave., Lititz.

Help Your Child to Develop Independence

By the age of three your child will be ready to socialize - his first step toward independence.

James Van Horn, Extension family life specialist at The Pennsylvania State University, emphasizes the importance of giving support to your child when he needs it. This includes introducing a child to new things, new people and new situations when it makes him comfortable and seems natural.

You can help by encouragirg your child to play away from you - in another room or outside. This play need not always be with other children, he may enjoy playing with animals or toys.

Between the ages three and four, your child may want to visit family or friends away from the home. He should soon learn that he can have fun with other people while being away from you for several hours at a time.

If this stage of development is successful, your child will be able to adjust to nursery or elementary school with few problems in socialization.

When your child becomes independent, points out Van Horn, he can be separated from you without feeling insecure because he knows your love exists - even when you are not physically present.

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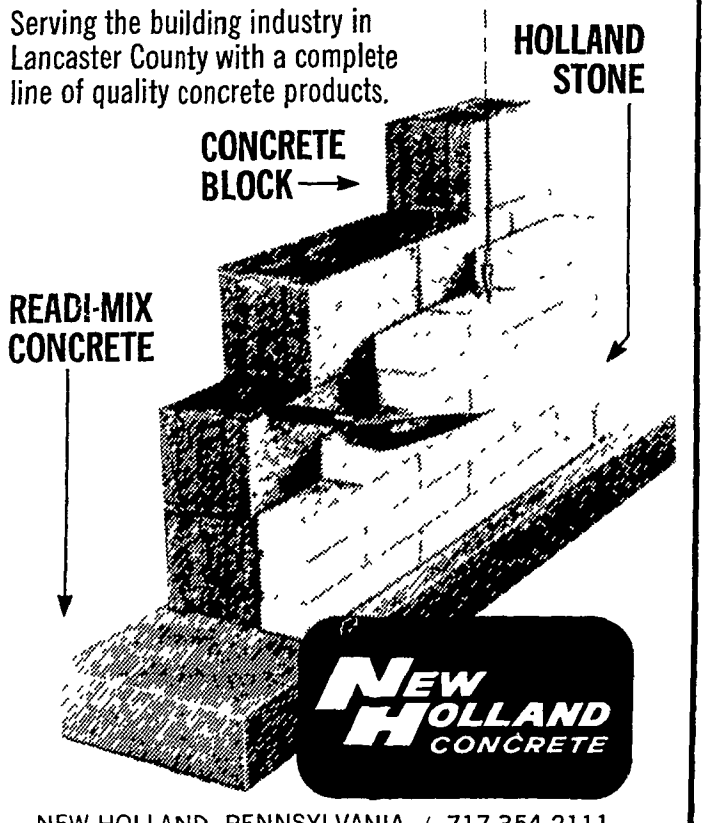

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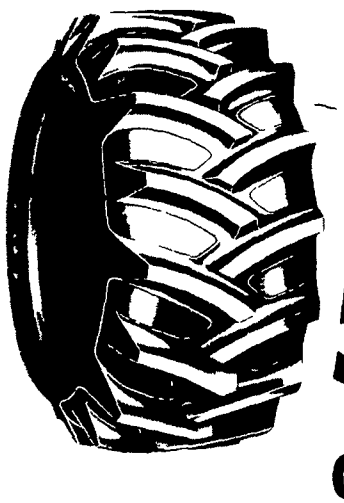

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Home on the Range

(Continued from Page 49)

1 teaspoon soda, mixed with 1 teaspoon vinegar
Crumbs:
5 cups flour
1 cup lard
2 cups brown sugar
½ teaspoon soda

Put ½ of crumbs in molasses mixture, sprinkle the rest on top, then bake in slow oven (about 350) till done Makes 4 - 9 inch pies

Mrs. Ephraim G. Zook
RD4
Lititz, Pa

Raised Coffee Cake

2 cups milk
½ cup shortening
1 cup sugar
½ teaspoon salt
1 egg yolk
6½ cups flour
1 yeast cake (small)
1-3 cup lukewarm water
1 egg white

Heat milk to boiling and let it cool until lukewarm Add yeast, which has been softened in 1-3 cup lukewarm water

Add milk and flour alternately to above mixture

Beat egg white until stiff and add to batter

Allow to rise in a covered bowl overnight or until light Divide in four parts and pat each in a pie pan Let rise 1½ hours

Sprinkle with crumbs made from the following
½ cup sugar
1 teaspoon cinnamon
¼ cup sifted flour
3 tablespoons soft butter
½ teaspoon vanilla
3 tablespoons chopped nuts

Mrs David K Stoltzfus
R D 2
Elverson

xxx

Flaky Biscuits

2 cups sifted flour
2½ teaspoons baking powder
¾ teaspoons salt
2-3 to ¾ cup milk
4 to 5 tablespoons melted shortening

Sift flour twice

Make same way as pie dough, only roll out, cut in squares and bake till brown. Serve with molasses

"Try 'em, you'll like 'em"

Miss Eva Brubaker
R D 2
East Earl

xxx

Quick Mix Sponge Cake

1¼ cups sifted cake flour
1 cup sugar
½ teaspoon salt
½ teaspoon baking powder
¾ cup egg whites (6 medium)
1 teaspoon cream of tartar
½ cup sugar
½ cup egg yolks
½ cup cold water
1 teaspoon vanilla and lemon extract

Sift flour, sugar, salt and baking powder. Set aside

Beat egg whites, add cream of tartar and beat till foamy Add one-half cup sugar slowly, beat till very stiff (don't underbeat)

Blend egg yolks, water, and flavoring Add to dry ingredients Fold into egg whites

Bake in tube pan at 375 degrees approximately 40 minutes, or until golden brown

Sarah Petersheim
R D 4
Lancaster

xxx

Chicken Salad

1 quart cooked chicken, cut into cubes
1 pint finely cut celery
1 hard cooked egg
1 teaspoon salt
⅛ teaspoon pepper
A little paprika

Mix and let stand in cold place one hour Serve on lettuce leaves and spread mayonnaise on top Dust with paprika

Miss Ruth Ann Martin
R D 1
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Farm Women Societies

Society 5

Farm Women Society 5 members met Saturday, December 31 at the home of Mrs Hiram Graybill, Lititz RD2 Mrs J G Longenecker, president, was in charge of the meeting

The afternoon was spent reflecting on Christmas activities Various Christmas readings were read, Christmas Carols were sung, and a social period in keeping with the season was observed In response to roll call, each told the most appreciated gift received

Thank you notes from those receiving fruit baskets during the Thanksgiving season from the Society were read The Society gave 42 baskets of fruit to the elderly and ill in the community

A donation of $10 was given to the Tuberculosis Society A special gift was given to Vickie Usner and her family, East Petersburg

The State Farm Women Convention will be held January 8 and 9 at Harrisburg The Society will be represented by the president, Mrs J G Longenecker, and delegates Kathryn Eichelberger and Elizabeth Hotenstein

Members of the Society were encouraged to visit sick members Cancer pads will be made at the home of Mrs C H Hotenstein at 1 30 p m January 18

The next regular meeting of Society 5 will be held January 27 at the home of Mrs J G Longenecker

Bad Year for Potatoes

Final production figures for 1972 have made this the worst year on record for Pennsylvania potato farmers, according to the Crop Reporting Service

Although 240,000 tons is a lot of potatoes it's some 150,000 tons fewer than were harvested last year, a drop of 39 percent This is the first time that production has ever fallen below 300,000 tons

Although tropical storm Agnes and its attendant flooding made total losses to some growers in the Susquehanna River Basin, extremely poor weather before and after this disaster would have still left the Keystone State potato growers with a very bad year

Production of fall potatoes was off sharply throughout the northeast resulting in a drop of eight percent or 934,800 tons less than the fall potato crop of 1971

Pennsylvania ranks 12th in potato production and thanks to generally bad weather throughout the U S it is unlikely that Commonwealth farmers will drop any lower

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Industry Leaders Urge Action in Feed Crisis

(Editor's Note· Rising feed prices have understandably concerned leaders in various segments of agriculture. The messages here were sent this week to government officials in an attempt to loosen the feed market)

To - Senators Richard Schweiker and Hugh Scott. From - Richard I Ammon, executive director, Northeastern Poultry Producers Council

Dear Senator

This morning representatives of the poultry industry from throughout the United States met with Secretary of Agriculture, Dr Earl Butz, Assistant Secretary, Richard Lyng, Deputy Director of the Cost of Living Council, James McLane, and Richard Fairbanks of the White House staff

Representing the Northeastern poultry industry at this meeting was Mr Robert B Graybill, President, Pennfield Corporation, 711 Rohrerstown Road, Lancaster, Pennsylvania

Purpose of the meeting was to seek some relief for the industry from the skyrocketing cost of poultry feed Specifically, the industry leaders requested·

1 That the Secretary release for domestic sale, Commodity Credit Corporation loan stocks of current crop corn (the Secretary has already announced that older corn will not be eligible for reseal - i e it must move into domestic commercial channels)
2 That the Secretary restrict the volume of soybeans and soybean meal that can be exported for the next six months to the volume exported during the same period a year earlier.
3. That the Cost of Living Council review and revise its definition of broilers to allow them to be treated the same as other agricultural products so far as price or margin controls are concerned.

In a year's time, feed costs have jumped almost 4 cents for each pound of broiler meat and about 5 cents for each dozen of eggs being marketed today. Corn is up 28.9 percent over the same date last year, soybean meal is up 127.3 percent, fish meal is up 50 percent but almost impossible to find because Peru has banned fishing until March due to the anchovy scarcity. This means a complete feed for laying hens currently costs farmers about $92 a ton, while the price of broiler grower feed is $120 a ton, both up $24 to $35 a ton over a few months ago

Obvioulsy, this problem has serious economic implications for everyone Retail prices of all foods containing meat, milk and eggs are advancing and will advance further and faster if feed prices are not soon lowered.

Secretary Butz told the group he would see what could be done to release CCC stocks of this year's corn but for both diplomatic and economic reasons, he doubted that anything could be done about restricting soybean exports

The Secretary strongly supported the industry's request for the Cost of Living Council to treat broilers the same as other agricultural products and Mr. McLane immediately set up a meeting with the group for next week to go over this matter in detail

While today's meeting did not produce miracles, none were expected Yet we do feel that actions may be forthcoming that could bring some much needed relief to poultry and livestock farmers in the form of lower feed costs

It would be greatly appreciated, therefore, if you would contact Secretary Butz to express your interest in the poultry industry feed cost problem and your hope that he will find a way to release CCC-held stocks of feed grains. Would you also contact Mr. McLane to request that he give every possible consideration to the industry broiler definition request

Thank you very much for your continued interest in and support of the poultry industry of our state and nation. If you need additional information or if we can be of further help to you in this matter please call us

To - Earl L Butz, James McHale, Milton Shapp, Herbert Kapleau From - Dr. James D. Honan, general manager, Inter-State Milk Producers Cooperative

Dear Sir:

You have the facts on the recent rapid price increases in feed and hay in the state of Pa. and nationally These increases have been tremendous and unprecedented on a per-unit basis. Because of the recent weather conditions in our state, our dairy farmers are having to buy proportionately larger amounts for their present herd size than in many previous years. Although there have been some Class I and Class II price increases under federal order 4, these have been by no measure sufficient to cover current increased costs of feed and roughage. Production per farm, in total, from federal order 4 producers in the state of Pa. and in surrounding areas has fallen below previous years because of the shortage of feed and the relatively high price of feed input.

This matter has reached practically emergency proportions and we would appreciate the earliest opportunity to discuss methods of relief for our dairy farmers.

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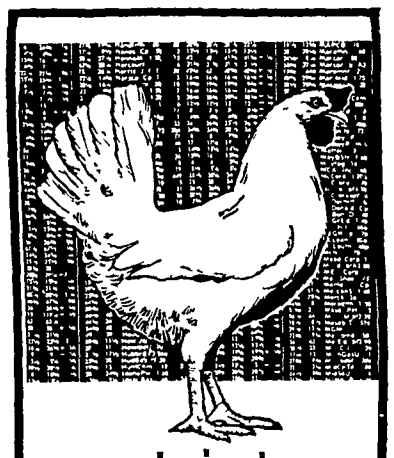

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Quarantine Birds After Farm Show

By Jay W. Irwin
Associate County Agent

Poultry exhibited at the Farm Show are exposed to many diseases not common to their flock of origin. These show birds should be kept separate from the main flock after the show for at least 30 days.

Most infections contracted by poultry at shows will break before the 30-day isolation period is up. If there are no breaks, then it is probably safe to place these birds back with the flock. In the event that disease strikes, they should not be put back with the flock. Recovered birds remain carriers and shedders of certain diseases.

Many disease breaks can be averted by establishing a sound vaccination program. However, there is no reliable vaccine available for some of the bacterial diseases for which the recovered birds remain carriers Examples of these are coryza and fowl cholera. Be on guard for coccidiosis, too, because the show birds may have no immunity to certain species Look for coccidiosis break one to three weeks after bringing the birds home

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Parents To Be Honored

Parents will be among persons honored during proceedings at the Mid-Winter Convention of Future Farmers of America Chapters from throughout the state in Harrisburg on Wednesday

The parents of all state officers will be recognized, the Mother of the officer receiving a citation and the Father receiving Honary Keystone honors Local parents include·

Mr and Mrs Clyde W Martin, East Earl RD1, parents of the state president Nelson Martin, Mr and Mrs Titus H Lefever, Manheim RD4, parents of the Eastern region vice-president, Joseph Lefever, Mr and Mrs Frank M Houck, Elverson RD1, parents of state vice-president Frank Stoltzfus, and Mr and Mrs Carl H Hostetter, Annville RD2, whose son James serves as state sentinel

There will be special recognition given to parents who for the third time will have sons receiving the Keystone Farmer Degree These parents include

Mr and Mrs John Weaver, New Holland RD2, whose son Delmar receives the Keystone Farmer Degree this year Son Carl received this award in 1971, and Nelson in 1970

From Lebanon County, two sets of parents will be recognized Mr and Mrs Marlin Hitz, Annville RD1, will be present as son Scott receives the Keystone Farmer Degree this year Previously, son Boyd received the award in 1971 and Greg in 1967 These sons were all from the Annville-Cleona High School

Mr and Mrs Paul Maulfair, Jonestown RD1, will be honored as son Dale receives the Keystone Farmer this year Previously sons Paul and Bruce received this award in 1970 and 1971 These sons are from Norelco High School

Pomona Grange 71 Schedules Meeting

Lancaster County Pomona Grange 71 will hold a dinner meeting at Rhoads Spanish Restaurant, Quarryville, Saturday, January 20 at 7 p.m Richard Maule, Ralph Wanner and Jesse Wood are in charge of reservations which must be made by January 15

Mrs. Jesse Wood, lecturer, will be in charge of a memorial service for members who died during the year. A representative of the Philadelphia Electric Company will present an educational program on atomic plants. Jesse Wood, Pomona Master, will preside at the business session

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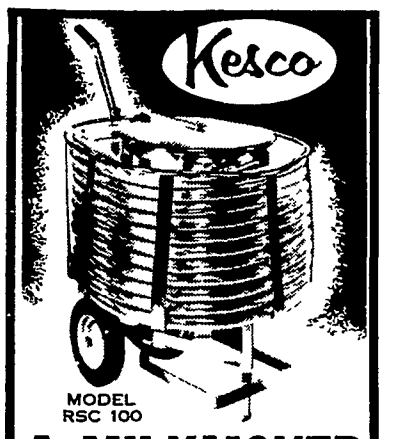

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★ Public Sales Register ★

SAT JAN 6- 1:30 P M Feeder Pig Sale located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa along US 501 Sale by Norman M. Martin, RD 1, Myerstown, Pa.

WED JAN 10- 9 A.M Paul Z Martin's First Consignment Farm Equipment Sale for 1973 to be held at his new place of business, 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland. Sale by Paul Z Martin, Blue Ball, Pa , Martin Auctioneers and Associates, R W Horst and Clyde Wolgemuth

THURS. JAN 11- 12 Noon Sharp First Section of Conover Guernsey Dispersal from Hightstown, New Jersey to be held at the Ass'n Sales Pavilion, Lancaster, Pa Sale managed by Penna. Guernsey Breeders' Ass'n., P. O Box 458, Camp Hill, Pa assisted by The Merryman Co , Sparks, Md 21152

SAT JAN 13- 1 30 Public Sale of 200 Feeder Pigs by Paul M. Zimmerman, Myerstown RD2, located 1 mile south of Richland John E and Paul E. Martin, Auctioneers.

SAT. JAN 13- Public Sale of farm equpment, shop tools and household goods located 1 mile East of Hinkletown off Rt. 322 Lancaster Co., Pa. Sale by Phares H. Zimmerman; LeRoy S. Horst and Paul W. Horst, Auctioneers.

SAT JAN 13- 10 A M Karr Farm Dispersal located between Bath and Hornell, at Howard (Exit 35 off new So Tier Expway) Selling only due to Mrs. Karr's illness Rumsey Sales, Bath, N Y. Managers

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SAT JAN 13- at 11 O'clock Summer's Complete Dispersal. Farm Sold-Undersigned will sell all personal property listed at auction, located 5 miles South of Troy, Pa., 5 miles North of Canton, Pa Bradford Co. on Route 14. Ralph and Susette Summers, Owners; Carl Diller and Everett Kreider, Auctioneers; Rockwell's Livestock, Sale Mgrs. D O. Rockwell, Prop., Troy, Pa

TUES JAN. 16- 12:30 P.M. Milking Herd Dispersal of 55 Registered and Grade Cattle located on the farm along Route 897 North of Schaefferstown in Lebanon County. Conditions by Landis and Mary Tice; Harry H. Bachman, auctioneer.

THURS. JAN. 18-12:30 Noon P. B. Guernsey Dispersal of James R. Spies, owner, Henderson, Md. to be held at the Ass'n. Sales Pavilion, Lancaster, Pa. Sale Managed by Penna Guernsey Breeder's Ass'n., P. O. Box 458, Camp Hill, Pa. and The Merryman Co., Sparks, Md. 21152

SAT JAN. 20-11 A M. Absolute Auction C-Merriken Fertilizer, Inc , Chestertown, Md. Harry Rudnick & Sons, Inc., Galena, Md , Sale Managers and Auctioneers

SAT JAN. 20- 10 A.M. Sharp Public Sale of New & Used Farm and Id. Equipment, located at Emigsville, Pa. 4 mi North of York - Route 181 North. Sale by York Co Farm & Industrial Equipment Co , Inc., Box 222, Emigsville, Pa. 17318

THURS. JAN. 25- Public Sale of Dairy Cattle and Farm Equipment located along Pleasant Valley Road between Ephrata and Farmersville, from Ephrata go East on 322, turn South on Pleasant Valley Road, ½ mile to farm. Sale by Marvin L. Brubacker. John E and Paul E. Martin, Auctioneers.

FRI. JAN 26- 9 A.M. Complete Dispersal of Equipment, Dairy and Horsepower, located north of the Fairmount and Tayloria Road, 4 mile south of Kirkwood, 10 mile southeast of Quarryville, Little Britain Township. Terms by Stephen K. Smoker; Kreider and Diller Auctioneers.

SAT. JAN. 27- Public Sale of Farm Equipment, livestock and household goods located 1 block south of Terre Hill along Rte. 897 next to Terre Hill Silo Company in East Earl Twp., Lancaster County, Pa. Sale by Rufus Nolt; LeRoy S. Horst and Nevin Martin, Auctioneers.

SAT. JAN. 27- 9 A.M. Sharp Large Farm Machinery Dispersal located approx. 2½ miles southwest of Stewartstown, Pa., in York Co. (Take Interstate 83 to exit 1, then east on Rt. 851 to Stewartstown and follow signs to sale). Sale by Mr. & Mrs. Quention McCleary, Stewartstown, Pa. RD No. 2; Robert L. Sechrist, Auctioneer.

THURS. FEB. 1- Public Sale of farm equipment and household goods located 1 mile East of

(Continued on Page 55)

PAUL Z. MARTIN'S
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FOR 1973

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Largest consigner and buyer will be given a Savings Certificate.

We have Buyers for Hay and Straw - Our Commission $1 per ton.

SALE ORDER: Small Goods, 9 a.m.; Hay and Straw, 12 noon; Tractors, 1 p.m.; followed by Larger Equipment. Notice NO POULTRY EQUIPMENT. Open 8 a.m. to 5 p.m. January 8 and 9.

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The fact that we have so many late summer fresheners should be of interest to the smart breeder who is looking ahead for next fall's base production Most of these cows are still milking well Where will you go to get that kind during this summer? They will cost you plenty if they can be found. An investment now will pay big dividends.

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Chester White Swine
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RD 1, Abbottstown, Pa. 17301
Duroc Swine
George Zimmerman, Sec.
RD 1, Grantville, Pa. 17028
Hampshire Swine
Dean Fetterolf, Sec
Centre Hall, Pa 16828
Landrace Swine
Jay Blatt, Sec.
RD 2, Annville, Pa 17003
Poland China Swine
Roland W Piper, Sec
RD 3, Benton, Pa. 17814
Spotted Swine
Richard P Sholley, Sec
RD 2, Jonestown, Pa 17038
Yorkshire Swine
Wellington Hiester, Sec
RD 3, Fleetwood, Pa 19522

PUBLIC AUCTION FEEDER PIGS

SATURDAY, JAN. 13, 1973

at 1:30 P.M.

Located 1 mile South Richland; 3 miles South of Myerstown on Route 501, turn East at Country House Restaurant.

40-80 POUND CHOICE FEEDER PIGS
HAMPSHIRE-YORK-DUROC CROSS

All pigs are vaccinated for erysipelas, castrated young, wormed, sprayed for mange and lice All pigs were raised on this farm No outside pigs will be sold on this sale

Sale at 1:30 P.M.

Terms by **Paul M. Zimmerman**
Myerstown RD No. 2, Pa. 17067
Phone 866-2978
John E. and Paul E. Martin, Auctioneers

A.L. HERR & BRO.

GEHL

SALES & SERVICE

- "600" Cylinder-Screen Forage Harvester
- "300" Cylinder Cut and-Throw Forage Harvester
- Self-Unloading Forage Boxes
- Blender-Feed Box
- Hi-Throw Forage Blowers
- RC800 Recutter
- Hay-King Mower-Conditioner
- 72 Flail Chopper
- Shred All Shredder
- 92 bu and 120 bu Mix All Feedmakers
- Running Gears
- HydraCat Loaders

A.L. HERR & BRO.

now offers farmers in this area the full line of Gehl's high-quality, trouble-free forage and feedmaking equipment.

Selected for his reputation, integrity and fine service . . your new Gehl dealer guarantees fast delivery of new machines, parts, service and field attention.

You're welcome to stop in anytime . and see the famous Gehl line of high-quality farm and field machinery If your operation requires chopping, blowing, hauling, handling, grinding or mixing Gehl has the equipment to fill the need Call now for an in-the-field demonstration.

CASE NEW IDEA GEHL

A.L. HERR & BRO.

312 Park Ave., Quarryville, Pa. 17566
Phone 786-3521 8:00 a.m. to 5:00 p.m. or
David Trout - 786-2920 after 6:00 p.m.

MILKING HERD DISPERSAL

55 - Registered and Grade Cattle - 55

TUESDAY, JANUARY 16, 1973

12:30 P.M.

Located on the farm along Route 897 North of Schaefferstown in Lebanon County.

53 HOLSTEINS AND 2 JERSEYS

18 head of registered cattle and the balance are grades in various stages of production. 12 were fresh in Oct. and Nov., with 18 due in January and February, and balance throughout year.

1 — RED AND WHITE HOLSTEIN — 1

Records of some of the cattle to be sold:

No 11	15521 milk	618 fat	4 0
No 24	13396 milk	575 fat	4 3
No 38	12334 milk	560 fat	4 4
No 54	12490 milk	529 fat	4 2

Number of cattle bred back to Pennstate Ivanhoe Star.
Health charts available — Herd on Area Test
Catalogs and DHIA records available on sale day.

— Sale in heated tent —

Conditions by:
Landis and Mary Tice

Harry H. Bachman - Auctioneer
Claude Ebersole - Clerk
Arthur Kunkle - Pedigrees

Lunch by Fredericksburg Church of the Brethren

SUMMER'S COMPLETE DISPERSAL

FARM SOLD — Undersigned will sell all personal property listed at auction, location 5 miles South of Troy, Pa., 5 miles North of Canton, Pa., Bradford Co., on Route 14.

SATURDAY, JAN. 13, 1973

AT 11 O'CLOCK

(BLIZZARD DATE — SAT., JAN. 20)

30 HEAD SIRE POWER AND CANADIAN HOLSTEIN DAIRY CATTLE 30

Selling are fresh cows, close springers, some bred back for Fall freshening, young and high producing animals with quality udders.

INTERSTATE TESTED **CHARTS SALE DAY**

MACHINERY

International 340 tractor, Int. mower, Int. 2-row corn planter, Int. cultivators, N.I. rake, N.H. 269 baler, N.H. PTO spreader, N.H. blower with 40-ft. pipe, Int. tractor harrow, Smoker elevator, Ontario drill, Rota-Tiller, lawn mower, feed cart, rubber belt, wagon with flat bed, Papec chopper with motor, Cockshutt baler, electric clippers, aluminum ladder, potato digger, cultivator and numerous other articles.

PRODUCE — SEEDS

800 bales hay, 24 bushels certified seed oats, 200 lbs. mixed grass seed.

MILK EQUIPMENT

2 Surge milker units (two 50-lb. pails, one 40-lb. pail), Surge milker pump, 12 milk cans, 8-can milk cooler.

FURNITURE & HOUSEHOLD ITEMS

Whirlpool electric dryer and washer, Norge 12 cu. ft. refrigerator, maple dining room table with extra leafs and 6 chairs, maple settee with chair to match, 2 TV sets, 1 portable; 2 reclining chairs, living room suite, kitchen dinette with 6 chairs, Electronic air purifier, dehumidifier, bedroom suite, lime oak color, with book case headboard and 2 chest drawers to match; maple bedroom suite with 2 chests, bunk beds, 3 single beds, two 30-inch Hollywood beds, shag rug 16 ft. x 12 ft. with pad, rug 11 ft. x 9 ft., maple desk and chair, chest desk, 3 desks and chairs to match, 3 chests, swing set, lawn chairs, hassocks, Ping-Pong table, end tables, book case, lamps, electric clocks, coffee table, electric fan, drapes, electric toaster, storm doors, electric ice cream freezer, manual freezer, many, many dishes and several other nearly new household items.

ANTIQUES

Ox bow, trunks, dining room chairs, wash stand, Stillard scales, sausage grinder and stuffer, lard press, wardrobe trunks, harness scales, old books, crocks.

Inspection of household items and antiques 10 a.m. to 11 a.m. only morning of auction. Sale Schedule: Household Items promptly at 11 o'clock until all sold, Machinery, Produce, Milk Equipment, Cattle.

TERMS: CASH OR GOOD CHECK SALE DAY

RALPH and SUSETTE SUMMERS, Owners

CARL DILLER & EVERETT KREIDER, Auctioneers
JEFF WARNER, Clerk

Rockwell's Livestock, Sale Mgrs.
D. O. Rockwell, Prop., Troy, Pa. Ph. 717-297-3460

SALE IN HEATED TENTS LUNCH AVAILABLE

Public Sales Register

(Continued from Page 54)

Terre Hill off Rt 625 along side of Union Grove Elementary School in East Earl Twp., Lancaster Co., Pa. Sale by Reuben Zimmerman, LeRoy S. Horst, Auctioneer.

FRI. FEB 2- 9:30 A M All Day Consignment Sale by David H Good located on North Maple Avenue, Leola, ½ mile North of Route 23, watch for sale sign Frank and Paul Snyder, Auctioneers.

SAT. FEB. 3- Public Sale of Farm Equipment, Dairy Cattle and milking equipment located 2 miles North of Schaefferstown off Rte. 501 Sale by Mark Horning John E and Paul E. Martin, Auctioneers.

SAT FEB 3- 12 Noon Public Sale of Livestock, Farm Equipment and Household Goods located 1 mile north of Rte. 23 on Brethren Church Road, Bareville, Pa Terms by Anna M Nolt, Frank L Steller and Robert E Martin, Auctioneers

SAT. FEB 10- Public Sale of Farm Equipment, some cattle, some household goods located between Ephrata and Rothsville along Rothsville Road Sale by Jonas M Reiff. John E and Paul E Martin, Auctioneers.

SAT FEB 10- 11 A M Clean Sweep Public Sale of Farm Equipment and Household Items located along Rt 17 near Ickesburg, 12 miles South of Millerstown, Pa Petty Co Sale by Wilmer Blank, Phone 717-438-3180 Carl Diller and J. Everett Kreider, Auctioneers

WED FEB 14- Public sale of Farm Equipment, Heifers, and Pickup Truck located approximately 4 miles Northwest of Myerstown, north on Rte 645, turn West at Burkholders Butcher Shop and follow sale arrows Sale by Paul Z Zimmerman. John E and Paul E. Martin, Auctioneers

TUES FEB. 20- 9 A M Public Sale of Household Goods, full line of Farm Equipment and Livestock located 1½ miles South of Rte 23 at Bareville between Hess Road and South Groffdale Road Household goods will be sold first Terms by Levi L Stoltzfus, Robert E Martin and Frank L Steller, Auctioneers

WED FEB 28- Public Sale of Farm Equipment and Complete Dairy Herd Dispersal located between Schaefferstown and Cornwall along Rt. 419 at Buffalo Springs next to Keller Bros Sale by Elmer M Martin John E and Paul E Martin, Auctioneers.

SAT. MARCH 3- Public Sale of Farm Equipment located between Ephrata and Farmersville at Metzler Road, next to Metzler's Mennonite Church Sale by Clayton L. Oberholtzer. John E. and Paul E Martin, Auctioneers

TUES. MAR 13- Public Sale of Farm Equipment and Household goods midway between Blue Ball and Honey Brook, ½ mile north of 322 at Beartown Sale by George Weaver, Martin Auctioneers

THURS MAR 15- Public Sale of Farm Equipment located along Linden Street in Richland, 2 miles east of Myerstown on Rt. 422, turn South 2 miles to Richland and the Country House Restaurant along Rt 501 turn East 2 miles to Richland. Sale by Lebanon Valley Implement Co. John E. and Paul E. Martin, Auctioneers.

SAT MARCH 17- 12 Noon Public Sale of Farm Equipment, Household Goods and some Antiques in Bird-in-Hand, Pa. Terms by Amos L. Fisher; Frank L Steller and Robert E Martin, Auctioneers

THURS APRIL 5- Alfred R Brandt Arbandale Farms Complete Dispersal of Registered Holstein Herd, RD 2, Lebanon, Pa , 2 miles North of Lebanon and Five miles South of Fredericksburg on Route 343. Harris Wilcox, Bergen, N. Y Sales Mgr. and Auctioneer.

PUBLIC SALE

SATURDAY, JANUARY 20, 1973

10:00 A.M. Sharp

NEW & USED FARM & IND. EQUIP.

(Some items may be sold by sale day & others added)

Emigsville, Pa. 4 mi. N. of York - Route 181 N

TRACTORS	ALLIS CHALMERS
Farmall 806	XT 190 & Loader
Farmall 656	D-14
Farmall 350	W.D
Super M & Power Steering	C A
Super H	B
Super C	Oliver
Cub	1650
Super A	550
3414 Backhoe	88
& Loader	Ford
& Others	4400 & Loader
John Deere 4010	6000
John Deere 3020	800
John Deere 3010	600
John Deere 630	Jub
John Deere 60	8Ns
John Deere 50	Case
John Deere 430	930 Comfort King
John Deere M	430 Case
& Others	530 Backhoe & Loader
440 & Blade	
440 Backhoe & Loader	

1-2-3-4-5 Bottom Plows - Disk Harrows 9-10-12-16 ft. wide Hay Balers, Corn Planters, Mowers, Sickle Bar & Rotary, New Wagons, New Forage Boxes, Post Hole diggers, Snow plows & all kind of used equipment

Combines, Corn pickers and Forage equipment.

Sale will start with small items, nuts & bolts, tools, etc. Followed by Machinery and Tractors

Sale by -

York Co. Farm & Industrial Equipment Co., Inc.

Box 222
Emigsville, Pa. 17318

THE NEW OWNERSHIP OF

Lancaster Stockyards Inc.

WILL CONTINUE THE POLICY OF A STOCKER AND FEEDER AUCTION SALE ON THE SECOND FRIDAY EACH MONTH.

NEXT SALE JAN. 12, 1973

SALE STARTS AT 1:00 P.M.

ALL GRADES - BREEDS - WEIGHTS LOAD LOTS - SMALL LOTS

LANCASTER STOCKYARDS

Lancaster, Pa. Ph. 717-394-2611

MEMBER DEALERS

Walter M. Dunlap & Sons
J. M. Hoober, Inc.
Louis Lyons & Son
Johnson Cattle Co.
Merton W. McCoy
Wm. W. McCoy
T. G. Kreider

AGWAY

$65 ADDITIONAL NET INCOME PER YEAR PER COW?

Recent Agway research with 338 cows showed that a program based on a Total Dairy Ration (TDR) Profile increased milk production 500 pounds per cow, per year.

At the same time, it decreased feed costs and raised net income by $65 per cow, per year.

HERE'S WHY TDR COULD HELP YOUR HERD DO AS WELL AS THE TEST COWS MENTIONED ABOVE.

THE AGWAY TDR Profile is a computer program that picks the right combination of forage, grain and Agway feeds to satisfy your cows' nutrient requirements for maintenance and to build towards top milk production. TDR considers the total protein, energy, calcium-phosphorus ratio and fiber needs of your cows, plus the forage-to-grain ratio. Then it shows you how to achieve top income over feed costs.

RIGHT NOW is an opportune time to look into TDR. Most of your cows have probably already freshened, or are due to freshen soon. Milk production will be climbing. And with the right feed program, it can climb even higher. What's more, forage quality has varied widely this year. So it's a good idea to evaluate your feed program thoroughly and take steps to correct any inefficiencies.

ONE OF THE MOST important elements in a Total Dairy Ration program is Ratio: Right feeds . . . a line of feeds in which the **ratio** of energy to protein has been carefully selected to balance the feedstuffs produced on your farm.

YOUR LOCAL AGWAY will help you choose the proper Ratio: Right feed for your herd.

G & G FEED & SUPPLY
Manheim
665-5001

HENRY B. HOOVER, INC.
Ephrata
733-6593

LANCASTER STORE
394-0541

NEW HOLLAND STORE
354-2146

SALUNGA STORE
898-2248

M. M. GOOD & SON
Gordonville
768-3781

MRS. JACOB L. KURTZ
Elizabethtown
367-5430

WILLOW STREET STORE
464-3521

QUARRYVILLE STORE
786-2126

WE'LL BE AT THE PENNA. FARM SHOW. STOP IN AND VISIT.